



# **STIC Search Report**

## **Biotech-Chem Library**

**STIC Database Tracking Number: 121388**

**To: Ruixiang Li**  
**Location: REM 4D75/4C70**  
**Art Unit: 1646**  
**Friday, May 07, 2004**

**Case Serial Number: 09/727739**

**From: Beverly Shears**  
**Location: Remsen Bldg.**  
**RM 1A54**  
**Phone: 571-272-2528**

**beverly.shears@uspto.gov**

### **Search Notes**

Fri May 7 08:47:51 2004

us-09-727-739b-15.rapb

Page 1

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: May 6, 2004, 16:47:47 ; Search time 65.7425 Seconds

(without alignments)  
468,645 Million cell updates/sec

Title: US-09-727-739B-15

Sequence: 1 MEVSIHICALALLGLALAIIC.....PPRRKAGCKNFYWKGTSC 111

Scoring table:

BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1140673 seqs, 277566755 residues

Total number of hits satisfying chosen parameters: 1140673

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database:

Listing first 45 summaries

Published Applications AA:  
1: /cgn2\_6/prodata/1/pubpaa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/prodata/1/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/prodata/1/pubpaa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/prodata/1/pubpaa/US06\_PUBCOMB.pep.\*  
5: /cgn2\_6/prodata/1/pubpaa/US07\_NEW\_PUB.pep.\*  
6: /cgn2\_6/prodata/1/pubpaa/PCTUS\_PUBCOMB.pep.\*  
7: /cgn2\_6/prodata/1/pubpaa/US08\_NEW\_PUB.pep.\*  
8: /cgn2\_6/prodata/1/pubpaa/US08\_PUBCOMB.pep.\*  
9: /cgn2\_6/prodata/1/pubpaa/US09\_PUBCOMB.pep.\*  
10: /cgn2\_6/prodata/1/pubpaa/US09\_PUBCOMB.pep.\*  
11: /cgn2\_6/prodata/1/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/prodata/1/pubpaa/US10A\_PUBCOMB.pep.\*  
13: /cgn2\_6/prodata/1/pubpaa/US10B\_PUBCOMB.pep.\*  
14: /cgn2\_6/prodata/1/pubpaa/US10C\_PUBCOMB.pep.\*  
15: /cgn2\_6/prodata/1/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/prodata/1/pubpaa/US10C\_PUBCOMB.pep.\*  
17: /cgn2\_6/prodata/1/pubpaa/US60\_NEW\_PUB.pep.\*  
18: /cgn2\_6/prodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	597	100.0	111	12	US-09-727-739B-15
2	482	80.7	115	12	US-09-727-739B-9
3	450	75.4	86	12	US-09-727-739B-17
4	353.5	59.2	87	12	US-09-727-739B-11
5	205.5	34.4	120	12	US-09-727-739B-38
6	194	32.5	125	12	US-09-727-739B-37
7	178.5	30.1	116	12	US-09-727-739B-45
8	178.5	29.6	114	12	US-09-727-739B-43
9	176.5	29.6	116	12	US-09-727-739B-48
10	176.5	29.6	116	12	US-09-727-739B-49
11	174	29.1	115	12	US-09-727-739B-44
12	164.5	27.6	114	12	US-09-727-739B-3
13	163.5	27.4	116	12	US-09-727-739B-46
14	162.5	27.2	116	12	US-09-727-739B-47
15	160.5	26.9	110	9	US-09-766-396-3

16	160.5	26.9	110	13	US-10-062-375-3	Sequence 3, Appl
17	156.5	26.2	114	12	US-09-727-739B-41	Sequence 41, Appl
18	147	24.6	25	12	US-09-727-739B-16	Sequence 16, Appl
19	134	22.4	28	12	US-09-727-739B-10	Sequence 10, Appl
20	131.5	22.0	121	12	US-09-727-739B-42	Sequence 42, Appl
21	122	20.4	25	12	US-09-727-739B-19	Sequence 19, Appl
22	110	18.4	25	12	US-09-727-739B-13	Sequence 13, Appl
23	107	17.9	26	12	US-09-727-739B-4	Sequence 4, Appl
24	107	17.9	26	12	US-09-727-739B-29	Sequence 29, Appl
25	107	17.9	28	12	US-09-727-739B-31	Sequence 31, Appl
26	105.5	17.7	140	9	US-09-280-030-64	Sequence 64, Appl
27	105	17.6	28	12	US-09-727-739B-21	Sequence 21, Appl
28	105	17.6	28	12	US-09-727-739B-32	Sequence 32, Appl
29	105	17.6	28	12	US-10-416-937-1	Sequence 1, Appl
30	102.5	17.2	111	12	US-09-727-739B-39	Sequence 39, Appl
31	95	15.9	33	12	US-09-727-739B-27	Sequence 27, Appl
32	91.5	15.3	103	12	US-09-727-739B-40	Sequence 40, Appl
33	89	14.9	104	12	US-09-727-739B-2	Sequence 2, Appl
34	88	14.7	200	13	US-10-101-487-53	Sequence 53, Appl
35	87	14.6	112	9	US-09-766-396-2	Sequence 2, Appl
36	87	14.6	112	13	US-10-062-375-2	Sequence 2, Appl
37	87	14.6	112	14	US-10-335-125-3	Sequence 3, Appl
38	85.5	14.3	88	12	US-09-727-739B-5	Sequence 5, Appl
39	83	13.9	85	9	US-09-766-396-6	Sequence 6, Appl
40	83	13.9	85	13	US-10-062-375-6	Sequence 6, Appl
41	81.5	13.7	506	12	US-10-425-114-51054	Sequence 51054, A
42	81	13.6	278	12	US-10-425-114-57204	Sequence 57204, A
43	80.5	13.5	105	9	US-09-766-396-26	Sequence 26, Appl
44	80.5	13.5	105	13	US-10-062-375-26	Sequence 26, Appl
45	80.5	13.5	105	14	US-10-335-125-2	Sequence 2, Appl

#### ALIGNMENTS

RESULT 1  
US-09-727-739B-15  
; Sequence 15, Application US/09727739B  
; Publication No. US20010025097A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheridan, Mark  
; APPLICANT: Kittleston, Jeffrey  
; TITLE OF INVENTION: Somatostatin and Methods  
; FILE REFERENCE: 255.00040101  
; CURRENT FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: US 60/168,934  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 15  
; LENGTH: 111  
; TYPE: PRT  
; ORGANISM: Oncorhynchus mykiss  
US-09-727-739B-15  
Query Match 100.0%; Score 597; DB 12; Length 111;  
Best Local Similarity 100.0%; Pred. No. 2e-59;  
Matches 111; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MEVSIHICALALLGLALAIICSGGAASQPDLDIASRRLIQRLAALPFRSGVSEKRTFY 60  
Db 1 MEVSIHICALALLGLALAIICSGGAASQPDLDIASRRLIQRLAALPFRSGVSEKRTFY 60  
QY PNCPLRRPRKVKGPOLKAKEDLERSVDNLPFRKAGCKNFYWKGTSC 111  
Db PNCPLRRPRKVKGPOLKAKEDLERSVDNLPFRKAGCKNFYWKGTSC 111  
RESULT 2  
US-09-727-739B-9  
; Sequence 9, Application US/09727739B

```
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255,00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-9
```

```
Query Match      80.7%; Score 482; DB 12; Length 115;
Best Local Similarity 83.9%; Pred. No. 2e-46;
Matches 99; Conservative 3; Mismatches 6; Indels 10; Gaps 4;
```

```
QY 1 MRVSQHCALATLGLALAIICSGAASQPDLDLASRRLQRAALAAALPHRSGVSEMRRTFY 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 1 MKVCRHICALALGLALAIICSGAASQPDLDLRSLRLQRAALAAALPHRSGVSEMRRTFY 60
QY 61 PNCPCLRMRPRKVKGPOLKAKED---LERSV---DNLPERRKAGCKNPFYWKGFSTGC 111
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 61 PNCPCLR--RPRKVKCP-AGAKEDLRVELERSVGVGNPNLPERRKAGCKNPFYWKGFSTGC 115
```

## RESULT 3

```
US-09-727-739B-17
; Sequence 17, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255,00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 86
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-17
```

```
Query Match      75.4%; Score 450; DB 12; Length 86;
Best Local Similarity 100.0%; Pred. No. 5.7e-43;
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 MRVSQHCALATLGLALAIICSGAASQPDLDLASRRLQRAALAAALPHRSGVSEMRRTFY 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 1 MRVSQHCALATLGLALAIICSGAASQPDLDLASRRLQRAALAAALPHRSGVSEMRRTFY 60
QY 61 PNCPCLRMRPRKVKGPOLKAKEDLER 86
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 61 PNCPCLRMRPRKVKGPOLKAKEDLER 86
```

```
RESULT 4
US-09-727-739B-11
; Sequence 11, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
```

```
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255,00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 87
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-11
```

```
Query Match      59.2%; Score 353.5; DB 12; Length 87;
Best Local Similarity 86.9%; Pred. No. 4.5e-32;
Matches 73; Conservative 2; Mismatches 6; Indels 3; Gaps 2;
```

```
QY 1 MRVSQHCALATLGLALAIICSGAASQPDLDLASRRLQRAALAAALPHRSGVSEMRRTFY 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 1 MKVCRHICALALGLALAIICSGAASQPDLDLRSLRLQRAALAAALPHRSGVSEMRRTFY 60
QY 61 PNCPCLRMRPRKVKGPOLKAKEDL 84
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 61 PNCPCLR--RPRKVKCP-AGAKEDL 81
```

## RESULT 5

```
US-09-727-739B-38
; Sequence 38, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255,00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 120
; TYPE: PRT
; ORGANISM: Carassius auratus
US-09-727-739B-38
```

```
Query Match      34.4%; Score 205.5; DB 12; Length 120;
Best Local Similarity 42.0%; Pred. No. 3.4e-15;
Matches 55; Conservative 14; Mismatches 31; Indels 31; Gaps 7;
```

```
QY 1 MRVSQHCALATLGLALAIICSGAASQ--PDLDLASRRLQRAALAAALPHRSGVSEMRRTFY 58
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 1 MRCEHCHYALALGLSLVLCGRANSQLEPDDLFRRHRLQRA-----SATGQATQD 52
QY 59 FYP-----NCPCLRRMRPRKVKGPOLKAK-EDL-----ERSVNN---LPRERRKAGC 100
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 53 FTKRDVEKLSLSTIEMEMRE---KGLSWAGSEDLRLRQERSASSNQQLPFRVKEGC 109
QY 101 KNFYWKGFSTGC 111
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 110 KNFYWKGFSTGC 120
```

```
RESULT 6
US-09-727-739B-37
; Sequence 37, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Lophius americanus
US-09-727-739B-37

```

```

Query Match          32.5%; Score 194; DB 12; Length 125;
Best Local Similarity 39.3%; Pred. No. 7e-14;
Matches 53; Conservative 11; Mismatches 29; Indels 42; Gaps 6;

```

```

QY 6 IHCALALIGLALICSGAASQ-----PDIDLASRR--LIQALAAALPHRSGVSE 55
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 4 IRCPAIALALALVLCGPSVSSQLDREQSDNQDIDLRLRQHWLELRARSAGL-----LSQE 58
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 56 W-----RTFYPNCPCLRWPRKVKGPOLKAKEDLRSVD---NLPPRR 96
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 59 WSKRAVEELLAQMSLEPAITQ-----READASATBGRNLRSDVSTNLPERR 110
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 97 KAGCKNFYWKGTSC 111
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 111 KAGCKNFYWKGTSC 125
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

```

```

RESULT 7
US-09-727-739B-45
; Sequence 45, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 116
; TYPE: PRT
; ORGANISM: Gallus gallus
US-09-727-739B-45

```

```

Query Match          30.1%; Score 179.5; DB 12; Length 116;
Best Local Similarity 39.8%; Pred. No. 2.8e-12;
Matches 49; Conservative 20; Mismatches 27; Indels 27; Gaps 6;

```

```

QY 5 QIHCALALIGLALICSGAA--SOPDDLASRLRQALAAALPHRSGVSEWRTFYPNC 63
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 5 RIQCALALISTALAVGVSAAPSDRL-----RQFLQKSLAA--AGKQELAKYFLAE- 55
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 64 PCILRWPRKVKGPOLKAKE-----DLERSVDNLP---PRRKAQCKNFYWKGF 108
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 56 --LISEPQTEHNEALISEDLSRGAEODEVRLERLSANSNPALAPRRKAGCKNFYWKGF 113
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 109 TSC 111
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 114 TSC 116
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

```

```

RESULT 8
US-09-727-739B-43
; Sequence 43, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 43
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Carassius auratus
US-09-727-739B-43

```

```

Query Match          29.9%; Score 178.5; DB 12; Length 114;
Best Local Similarity 38.2%; Pred. No. 3.5e-12;
Matches 50; Conservative 15; Mismatches 29; Indels 37; Gaps 5;

```

```

QY 1 MRSQIHCALALIGLALICSGAASQPDIDLASRLRQALAAALPHRSGVSEWRTFY 60
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 MSTRIQCALALISTALAVGVSA--PTDAKRLQLQSLT-----NPAGKQ----- 47
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 61 PNCPLRWPRKVKGPOLKAK-----EDLERSVDN-----LPPRRKAGC 100
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 48 ----LARYTLADLSELVQANEALBEPDLSRAVEKQEVRLERLRAAGPMLAPRRKAGC 103
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 101 KNFYWKGTSC 111
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 104 KNFYWKGTSC 114
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

```

```

RESULT 9
US-09-727-739B-48
; Sequence 48, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 48
; LENGTH: 116
; TYPE: PRT
; ORGANISM: Macaca fascicularis
US-09-727-739B-48

```

```

Query Match          29.6%; Score 176.5; DB 12; Length 116;
Best Local Similarity 38.2%; Pred. No. 6e-12;
Matches 47; Conservative 19; Mismatches 30; Indels 27; Gaps 6;

```

```

QY 5 QIHCALALIGLALICSGAASQPDIDLASRLRQALAAALPHRSGVSEWRTFYPNC 63
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 5 RIQCALALISTALAVGVSAAPSDRL-----RQFLQKSLAA--AGKQELAKYFLAE- 55
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 64 PCILRWPRKVKGPOLKAKE-----DLERSVDNLP---PRRKAQCKNFYWKGF 108
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 56 --LISEPQTEHNEALBEPDLSQAEQDEMRLELQGSANSNPAMAPRRKAGCKNFYWKGF 113
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

```

QY 109 TSC 111  
DB 114 TSC 116

## RESULT 10

US-09-727-739B-49  
; Sequence 49, Application US/09727739B  
; Publication No. US20010025097A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheridan, Mark  
; APPLICANT: Kittleison, Jeffrey  
; APPLICANT: Moore, Craig  
; TITLE OF INVENTION: Somatostatins and Methods  
; FILE REFERENCE: 255,00040101  
; CURRENT APPLICATION NUMBER: US/09/727,739B  
; PRIOR FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: US 60/168,934  
; PRIOR FILING DATE: 1999-12-03  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 49  
; LENGTH: 116  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-727-739B-49

Query Match 29.6%; Score 176.5; DB 12; Length 116;  
Best Local Similarity 38.2%; Pred. No. 6e-12;  
Matches 47; Conservative 19; Mismatches 30; Indels 27; Gaps 6;

QY 5 QHICALALIGLALAI-CSQGAASOPDLIASRRLIQRALAAALPHRSGVSEWRWTFY 63

DB 5 RUCGALAAALSTIVATLCTVGTGAPSDPRL-----RQFLQKSLAA-----AGKQELAKYFLAE 55

QY 64 PCIRMRPRKVKYKQQLKAKE-----DLERSVDNLP---PRERAGCKNFWYKGF 108

DB 56 --LISEPNOTENDALPEBPLSQAAEQDEMRLELORSANSNPMAPRERKAGCKNFWYKGF 113

QY 109 TSC 111  
DB 114 TSC 116

## RESULT 11

US-09-727-739B-44  
; Sequence 44, Application US/09727739B  
; Publication No. US20010025097A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheridan, Mark  
; APPLICANT: Kittleison, Jeffrey  
; APPLICANT: Moore, Craig  
; TITLE OF INVENTION: Somatostatins and Methods  
; FILE REFERENCE: 255,00040101  
; CURRENT APPLICATION NUMBER: US/09/727,739B  
; CURRENT FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: US 60/168,934  
; PRIOR FILING DATE: 1999-12-03  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 44  
; LENGTH: 115  
; TYPE: PRT  
; ORGANISM: Rana ridibunda  
US-09-727-739B-44

Query Match 29.1%; Score 174; DB 12; Length 115;  
Best Local Similarity 39.4%; Pred. No. 1.1e-11;  
Matches 50; Conservative 17; Mismatches 32; Indels 28; Gaps 6;

QY 1 MRVSIQHICALALIGLALAI-CSQGA-SOPDLIASRRLIQRALAAALPHRSGVSEWRWTF 59  
DB 1 MOSCRVOCALTLTSLALAINSSIAAPTDPRL-----RQFLQKSLAA-----GKQELAKYF 51

QY 60 YENCPCLRMRPRKVKQPOLKAKE-----DLERSVDNLP---PRERAGCKNFWY 104  
DB 52 LAE---LISEPOTENDALPEBPLSQAAEQDEMRLELORSANSNPMAPRERKAGCKNFWY 108  
QY 105 WKQFTSC 111  
DB 109 WKFTSC 115

## RESULT 12

US-09-727-739B-3  
; Sequence 3, Application US/09727739B  
; Publication No. US20010025097A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheridan, Mark  
; APPLICANT: Kittleison, Jeffrey  
; APPLICANT: Moore, Craig  
; TITLE OF INVENTION: Somatostatins and Methods  
; FILE REFERENCE: 255,00040101  
; CURRENT APPLICATION NUMBER: US/09/727,739B  
; CURRENT FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: US 60/168,934  
; PRIOR FILING DATE: 1999-12-03  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3  
; LENGTH: 114  
; TYPE: PRT  
; ORGANISM: Oncomorhynchus mykiss  
US-09-727-739B-3

Query Match 27.6%; Score 164.5; DB 12; Length 114;  
Best Local Similarity 38.7%; Pred. No. 1.3e-10;  
Matches 48; Conservative 15; Mismatches 38; Indels 23; Gaps 5;

QY 1 MRVSIQHICALALIGLALAI-CSQGAASOPDLIASRRLIQRALAAALPHRSGVSEWRWTFY 60

DB 1 MLSTRVOCALTLTSLALAINSSIAAPTDPRL-----RQFLQKSLAA-----AGKQELAKYFLAE 55

QY 61 PNCPLMRPRKVKYKQQLKAKE-----DLERSVDNLP---PRERAGCKNFWYKGF 107

DB 54 VE---LISELAHVENEALELDMSGHVGQEDVDLELRAPQVLAPEKRAQCKNFWYKGF 110

QY 108 FTSC 111  
DB 111 FTSC 114

## RESULT 13

US-09-727-739B-46  
; Sequence 46, Application US/09727739B  
; Publication No. US20010025097A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheridan, Mark  
; APPLICANT: Kittleison, Jeffrey  
; APPLICANT: Moore, Craig  
; TITLE OF INVENTION: Somatostatins and Methods  
; FILE REFERENCE: 255,00040101  
; CURRENT APPLICATION NUMBER: US/09/727,739B  
; CURRENT FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: US 60/168,934  
; PRIOR FILING DATE: 1999-12-03  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 46  
; LENGTH: 116  
; TYPE: PRT  
; ORGANISM: Rattus norvegicus  
US-09-727-739B-46

Query Match 27.4%; Score 163.5; DB 12; Length 116;  
Best Local Similarity 37.4%; Pred. No. 1.8e-10;

QY 1 MRVSIQHICALALIGLALAI-CSQGA-SOPDLIASRRLIQRALAAALPHRSGVSEWRWTF 59  
DB 1 MOSCRVOCALTLTSLALAINSSIAAPTDPRL-----RQFLQKSLAA-----GKQELAKYF 51



```

; ATTORNEY/AGENT INFORMATION:
; NAME: Schmonsees, William
; REGISTRATION NUMBER: 31,796
; REFERENCE/DOCKET NUMBER: 22908-0002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-7041
; TELEFAX: (415) 324-0638
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 110 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: C-terminal
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-062-375-3

```

```

Query Match 26.9%; Score 160.5; DB 13; Length 110;
Best Local Similarity 38.3%; Pred. No. 3; 6e-10;
Matches 46; Conservative 17; Mismatches 30; Indels 27; Gaps 6;

```

```

QY 8 CALALGLAALICS-QGAASQPDLDLASRRLLGRALAAALPHRSVGVSEKRWTFYPNCPCL 66
DB 2 CALALGLAALICS-QGAASQPDLDLASRRLLGRALAAALPHRSVGVSEKRWTFYPNCPCL 66
QY 67 RWRPRKXKGPOLKAKE-----DLERSVDNLP--PRRKAQCKNFFWKGFSTSC 111
DB 51 LSESNQJENDALPEDEDLPQAAEQDEMRLELQRSANSNPAMAPRRKXGCKNFFWKGFSTSC 110

```

```

RESULT 17
US-09-727-739B-41
; Sequence 41, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 41
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Icterus punctatus
US-09-727-739B-41

```

```

Query Match 26.2%; Score 156.5; DB 12; Length 114;
Best Local Similarity 31.4%; Pred. No. 1; 1e-09;
Matches 43; Conservative 20; Mismatches 25; Indels 49; Gaps 5;

```

```

QY 1 MEVSQHCALALGLAALICS-QGAASQPDLDLASRRLLGRALAAALPHRSVGVSEKRWTF 59
DB 1 MEVSQHCALALGLAALICS-QGAASQPDLDLASRRLLGRALAAALPHRSVGVSEKRWTF 59
QY 60 YRNCPLRMRPRKXKGPOLKAKE-----DLERSVDNLP--PRRKAQCKNFFWKGFSTSC 94
DB 42 ----PEVKQELTRYTLAEIALEARENENVDSDVSRAASEGARLEMERAAAGMIAFR 97
QY 95 ERKAGCKNFFWKGFSTSC 111
DB 98 ERKAGCKNFFWKGFSTSC 114

```

```

RESULT 18
US-09-727-739B-16
; Sequence 16, Application US/09727739B
; Publication No. US20010025097A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 25
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-16

```

```

Query Match 24.6%; Score 147; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 2e-09;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 87 SYDNLPPRRKXGCKNFFWKGFSTSC 111
DB 1 SYDNLPPRRKXGCKNFFWKGFSTSC 25

```

```

RESULT 19
US-09-727-739B-10
; Sequence 10, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-10

```

```

Query Match 22.4%; Score 134; DB 12; Length 28;
Best Local Similarity 95.7%; Pred. No. 6.7e-08;
Matches 22; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 89 DNLPPRRKXGCKNFFWKGFSTSC 111
DB 6 DNLPPRRKXGCKNFFWKGFSTSC 28

```

```

RESULT 20
US-09-727-739B-42
; Sequence 42, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52

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; SOFTWARE: Patentin version 3.0
; SEQ ID NO 42
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Lophius americanus
US-09-727-739b-42

Query Match          22.0%; Score 131.5; DB 12; Length 121;
Best Local Similarity 37.9%; Pred. No. 7.6e-07;
Matches 47; Conservative 5; Mismatches 47; Indels 25; Gaps 5;

QY 4 SOIHCALALGLALALICSGAASQPLDLASRLIQR-----ATAALPHRS 50
DB 7 SRRCILVLLISTASISCSFAGQRDSDL--RLILHRYPLQSGKQDMTRSAIAELLSDL 64
QY 51 GVSERRRTYPCNCIRMPKRYKGPQLAKEDLENSVN---LPPRRKAGCKNFYWK 107
DB 65 LQGENALEBENFPLAE-----GGPE-DAHADLERAAAGGPLLAPRRKAGCKNFWK 117

QY 108 FTSC 111
DB 118 FTSC 121

RESULT 21
US-09-727-739b-19
; Sequence 19, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittleison, Jeffrey
; TITLE OF INVENTION: Somatostatins and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 19
; LENGTH: 25
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739b-19

Query Match          20.4%; Score 122; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.3e-06;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRVSQIHCALALGLALALICSGAA 25
DB 1 MRVSQIHCALALGLALALICSGAA 25

RESULT 22
US-09-727-739b-13
; Sequence 13, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittleison, Jeffrey
; TITLE OF INVENTION: Somatostatins and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 13
; LENGTH: 25

```

```

; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739b-13

Query Match          18.4%; Score 110; DB 12; Length 25;
Best Local Similarity 88.0%; Pred. No. 3e-05;
Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 MRVSQIHCALALGLALALICSGAA 25
DB 1 MKVCRIHCALALGLALALICSGAA 25

RESULT 23
US-09-727-739b-4
; Sequence 4, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittleison, Jeffrey
; TITLE OF INVENTION: Somatostatins and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 4
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739b-4

Query Match          17.9%; Score 107; DB 12; Length 26;
Best Local Similarity 85.7%; Pred. No. 6.8e-05;
Matches 18; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 91 LPPRRKAGCKNFYWKGTSC 111
DB 6 LAPRRKAGCKNFYWKGTFTSC 26

RESULT 24
US-09-727-739b-29
; Sequence 29, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittleison, Jeffrey
; TITLE OF INVENTION: Somatostatins and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 29
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Amia calva
US-09-727-739b-29

Query Match          17.9%; Score 107; DB 12; Length 26;
Best Local Similarity 85.7%; Pred. No. 6.8e-05;
Matches 18; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 91 LPPRRKAGCKNFYWKGTSC 111
DB 6 LAPRRKAGCKNFYWKFTFTSC 26

```



RESULT 25  
US-09-727-739B-31  
; Sequence 31, Application US/09727739B  
; Publication No. US20010025097A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheridan, Mark  
; APPLICANT: Kittleison, Jeffrey  
; APPLICANT: Moore, Craig  
; TITLE OF INVENTION: Somatostatin and Methods  
; FILE REFERENCE: 255.00040101  
; CURRENT APPLICATION NUMBER: US/09/727,739B  
; CURRENT FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: US 60/168,934  
; PRIOR FILING DATE: 1999-12-03  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 31  
; LENGTH: 28  
; TYPE: PRT  
; ORGANISM: Lophius americanus  
US-09-727-739B-31

Query Match 17.9%; Score 107; DB 12; Length 28;  
Best Local Similarity 85.7%; Pred. No. 7.5e-05;  
Matches 18; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 91 LPPRRKAGCKNFYWKFTSC 111  
DB 8 LAPRRKAGCKNFYWKFTSC 28

RESULT 26  
US-09-280-030-64  
; Sequence 64, Application US/09280030A  
; Patent No. US2001002151A1  
; GENERAL INFORMATION:  
; APPLICANT: Sato, Seiji  
; APPLICANT: Higashikuni, Naohiko  
; APPLICANT: Kudo, Toshiyuki  
; APPLICANT: Kondo, Masaaki  
; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR THE  
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE  
; FILE REFERENCE: 382.1026  
; CURRENT APPLICATION NUMBER: US/09/280,030A  
; CURRENT FILING DATE: 1999-03-26  
; EARLIER APPLICATION NUMBER: JP10-87339/1998  
; EARLIER FILING DATE: 1998-03-31  
; NUMBER OF SEQ ID NOS: 66  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 64  
; LENGTH: 140  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Designated as  
; OTHER INFORMATION: an amino acid sequence of  
; OTHER INFORMATION: WMPep-WMPmp20-(His)6-Egf-Try-Somatostatin 28  
US-09-280-030-64

Query Match 17.7%; Score 105.5; DB 9; Length 140;  
Best Local Similarity 28.0%; Pred. No. 0.00078;  
Matches 42; Conservative 18; Mismatches 35; Indels 55; Gaps 8;

QY 4 SQHICALALIGLAIAICSGAA--SQPDLPLASRLIQRALALALPHRSGVSRMTFTF 61  
DB 4 SYLASALATVAPWAFABEAATTAPKMDADWEKTVHHN-----HHNSDSE----- 51

QY 62 NCP-----CL-----RMPRRKYKGPOLK-----AKEDLE 85  
DB 52 -CPUSHGVCYCHDGVCMVTEALDKKACNVCVGYIGRCQYRDLKMWELRVDYDPTTENLY 110

QY 86 -RSVDNLP---PRRRKAGCKNFYWKFTSC 111  
DB 111 FOSANSNPAMAPRRKAGCKNFYWKFTSC 140

RESULT 27  
US-09-727-739B-21  
; Sequence 21, Application US/09727739B  
; Publication No. US20010025097A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheridan, Mark  
; APPLICANT: Kittleison, Jeffrey  
; APPLICANT: Moore, Craig  
; TITLE OF INVENTION: Somatostatin and Methods  
; FILE REFERENCE: 255.00040101  
; CURRENT APPLICATION NUMBER: US/09/727,739B  
; CURRENT FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: US 60/168,934  
; PRIOR FILING DATE: 1999-12-03  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 21  
; LENGTH: 28  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-727-739B-21

Query Match 17.6%; Score 105; DB 12; Length 28;  
Best Local Similarity 81.0%; Pred. No. 0.00013;  
Matches 17; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 91 LPPRRKAGCKNFYWKFTSC 111  
DB 8 MAPRRKAGCKNFYWKFTSC 28

RESULT 28  
US-09-727-739B-32  
; Sequence 32, Application US/09727739B  
; Publication No. US20010025097A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheridan, Mark  
; APPLICANT: Kittleison, Jeffrey  
; APPLICANT: Moore, Craig  
; TITLE OF INVENTION: Somatostatin and Methods  
; FILE REFERENCE: 255.00040101  
; CURRENT APPLICATION NUMBER: US/09/727,739B  
; CURRENT FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: US 60/168,934  
; PRIOR FILING DATE: 1999-12-03  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 32  
; LENGTH: 28  
; TYPE: PRT  
; ORGANISM: Sus scrofa  
US-09-727-739B-32

Query Match 17.6%; Score 105; DB 12; Length 28;  
Best Local Similarity 81.0%; Pred. No. 0.00013;  
Matches 17; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 91 LPPRRKAGCKNFYWKFTSC 111  
DB 8 MAPRRKAGCKNFYWKFTSC 28

RESULT 29  
US-10-416-937-1  
; Sequence 1, Application US/10416937  
; Publication No. US20040071657A1  
; GENERAL INFORMATION:

```

; APPLICANT: Maliszewski, Charles R.
; APPLICANT: Butz, Eric A.
; APPLICANT: Galibert, Laurent J.
; APPLICANT: Borges, Luis G.
; TITLE OF INVENTION: Chemoattractant recruitment of dendritic
; FILE OF INVENTION: cells for enhancement of immunization
; FILE REFERENCE: IMX-001
; CURRENT APPLICATION NUMBER: US/10/416,937
; PRIOR FILING DATE: 2003-09-08
; PRIOR APPLICATION NUMBER: PCT/US01/46598
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/249,524
; PRIOR FILING DATE: 2000-11-17
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-416-937-1

```

```

Query Match      17.6%; Score 105; DB 12; Length 28;
Best Local Similarity 81.0%; Pred. No. 0.0013;
Matches 17; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 91 LPPRRKAGCKNFYWKGFSTC 111
Db 8 NAPERKAGCKNFYWKFTISC 28

```

```

RESULT 30
US-09-727-739B-39
; Sequence 39, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 39
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Carassius auratus
US-09-727-739B-39

```

```

Query Match      17.2%; Score 102.5; DB 12; Length 111;
Best Local Similarity 56.1%; Pred. No. 0.0013;
Matches 23; Conservative 4; Mismatches 5; Indels 9; Gaps 2;

```

```

Qy 80 AKEDL-----ERSVDN---LPPRRKAGCKNFYWKGFSTC 111
Db 71 AEPPLERLBERAVYVNLSQLPDRKAPCKNFYWKFTISC 111

```

```

RESULT 31
US-09-727-739B-27
; Sequence 27, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01

```

```

; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 33
; TYPE: PRT
; ORGANISM: Myxine glutinosa
US-09-727-739B-27

```

```

Query Match      15.9%; Score 95; DB 12; Length 33;
Best Local Similarity 47.6%; Pred. No. 0.0021;
Matches 20; Conservative 3; Mismatches 7; Indels 12; Gaps 1;

```

```

Qy 69 RPRKVGPKAKEDLERSDNLPERRKAGCKNFYWKGFSTC 110
Db 4 RPRQ-----DGVHEPDRERKAGCKNFYWKFTIS 33

```

```

RESULT 32
US-09-727-739B-40
; Sequence 40, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 40
; LENGTH: 103
; TYPE: PRT
; ORGANISM: Rana ridibunda
US-09-727-739B-40

```

```

Query Match      15.3%; Score 91.5; DB 12; Length 103;
Best Local Similarity 30.9%; Pred. No. 0.021;
Matches 34; Conservative 10; Mismatches 39; Indels 27; Gaps 4;

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Qy 15 LALAGCGG--ASQP-----DPLARRLQRLAALPFRSGVSRWRTFYP 61
Db 8 LLLILLAWGARALSGPPDNRITGRNODLNAIQDILLKLSGWTDSRESNLYVERNP 67
Qy 62 NCPCLRWPRKVGPKAKEDLERSDNLPERRKAGCKNFYWKGFSTC 111
Db 68 DPPEPK-IPSVKFRPLSL-----RRKAPCKNFYWKFTWC 103

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RESULT 33
US-09-727-739B-2
; Sequence 2, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittilson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 14
; TYPE: PRT

```

ORGANISM: Oncorhynchus mykiss  
US-09-727-739B-2

Query Match 14.9%; Score 89; DB 12; Length 14;  
Best Local Similarity 100.0%; Pred. No. 0.0035;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 98 AGCKNFYWKGFSTSC 111  
Db 1 AGCKNFYWKGFSTSC 14

RESULT 34  
US-10-101-487-53  
Sequence 53, Application US/10101487  
Publication No. US20020169125A1  
GENERAL INFORMATION:  
APPLICANT: LEUNG, DAVID W.  
APPLICANT: BERGMAN, PHILIP A.  
APPLICANT: LOFOUST, ALAN  
APPLICANT: PIETZ, GREGORY E.  
APPLICANT: TOMPKINS, CHRISTOPHER K.  
APPLICANT: WAGSONER, JR., DAVID W.  
TITLE OF INVENTION: THERBOF  
FILE REFERENCE: 077319/0329  
CURRENT APPLICATION NUMBER: US/10/101,487  
PRIOR FILING DATE: 2002-03-20  
PRIOR APPLICATION NUMBER: 60/277,705  
NUMBER OF SEQ ID NOS: 116  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 53  
LENGTH: 200  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic fusion  
US-10-101-487-53

Query Match 14.7%; Score 88; DB 13; Length 200;  
Best Local Similarity 48.4%; Pred. No. 0.11;  
Matches 15; Conservative 5; Mismatches 11; Indels 0; Gaps 0;

Qy 81 KEDLERSVDNLPPEKAGCKNFYWKGFSTSC 111  
Db 170 EEEEEEKEDLERSVDNLPPEKAGCKNFYWKGFSTSC 200

RESULT 35  
US-09-766-396-2  
Sequence 2, Application US/09766396  
Patent No. US20020013456A1  
GENERAL INFORMATION:  
APPLICANT: Sutcliffe, Gregor J.  
de Lecea, Luis  
Siggins, George R.  
Henriksen, Steven J.  
TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,  
COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSER: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. US20020013456A1h Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/766,396  
FILING DATE: 18-Jan-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/857,389  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Schmonsees, William  
REGISTRATION NUMBER: 31,796  
REFERENCE/DOCKET NUMBER: 22908-0002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-7041  
TELEFAX: (415) 324-0638  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 112 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-766-396-2

Query Match 14.6%; Score 87; DB 9; Length 112;  
Best Local Similarity 25.2%; Pred. No. 0.073;  
Matches 30; Conservative 9; Mismatches 42; Indels 38; Gaps 4;

Qy 20 CSQASQPDLDASRLQALALPHRSQVSR-----WRTF 59  
Db 4 CSTGRKRPALSHLLILSLGIALSALPLPSGFTGDSYQDATGRRRLTLFLMWH-- 61  
Qy 60 YVNCPLRWPRRYKQ-----POLKAKEDLERSVDNLPPEKAGCKNFYWKGFSTSC 111  
Db 62 -----EMASQSSSTAPEGCTPELSKQ--ERPLQQPPPRDKKPCCKNFYWKGFSTSC 111

RESULT 36  
US-10-062-375-2  
Sequence 2, Application US/10062375  
Publication No. US20020133000A1  
GENERAL INFORMATION:  
APPLICANT: Sutcliffe, Gregor J.  
de Lecea, Luis  
Siggins, George R.  
Henriksen, Steven J.  
TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,  
COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSER: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. US20020133000A1h Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/062,375  
FILING DATE: 30-Jan-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/857,389  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Schmonsees, William  
REGISTRATION NUMBER: 31,796  
REFERENCE/DOCKET NUMBER: 22908-0002  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 324-7041  
TELEFAX: (415) 324-0638  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 112 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-10-062-375-2

Query Match 14.6%; Score 87; DB 13; Length 112;  
Best Local Similarity 25.2%; Pred. No. 0.073;

Matches 30; Conservative 9; Mismatches 42; Indels 38; Gaps 4;

QY 20 CSQGAASQPDLDASRLQALALPHRSGVSR-----WRTF 59  
DB 4 CSTRGKSPALSLILLILLSGIAASALPLESGPTGQSDVQATGGRGTGLTLFLAWH-- 61  
QY 60 YPNCPCLRMPRKVKG-----POLKAKEDLESVNTLPERRKAGCKNFYKGTSC 111  
DB 62 -----EWASQDSSSTAPEGSTPLSKRQ--ERPPLOQPHRDKKPCKNFFWKTSSC 111

## RESULT 37

US-10-335-125-3

Sequence 3, Application US/10335125

Publication No. US20030148355A1

GENERAL INFORMATION:

APPLICANT: Ruben, Henrik S.

TITLE OF INVENTION: CORTISTATIN POLYPEPTIDES

FILE REFERENCE: 1488.0430003

CURRENT APPLICATION NUMBER: US/10/335,125

PRIOR FILING DATE: 2003-01-07/775,827A

PRIOR APPLICATION NUMBER: US 09/001,472

PRIOR FILING DATE: 1997-12-31

PRIOR APPLICATION NUMBER: US 60/037,386

PRIOR FILING DATE: 1997-02-07

PRIOR APPLICATION NUMBER: US 60/033,980

PRIOR FILING DATE: 1996-12-31

NUMBER OF SEQ ID NOS: 14

SOFTWARE: PatentIn version 3.0

SEQ ID NO 3

LENGTH: 112

TYPE: PRT

ORGANISM: Rat Cortistatin

US-10-335-125-3

Query Match 14.6%; Score 87; DB 14; Length 112;  
Best Local Similarity 25.2%; Pred. No. 0.073;  
Matches 30; Conservative 9; Mismatches 42; Indels 38; Gaps 4;

QY 20 CSQGAASQPDLDASRLQALALPHRSGVSR-----WRTF 59  
DB 4 CSTRGKSPALSLILLILLSGIAASALPLESGPTGQSDVQATGGRGTGLTLFLAWH-- 61  
QY 60 YPNCPCLRMPRKVKG-----POLKAKEDLESVNTLPERRKAGCKNFYKGTSC 111  
DB 62 -----EWASQDSSSTAPEGSTPLSKRQ--ERPPLOQPHRDKKPCKNFFWKTSSC 111

## RESULT 38

US-09-727-739B-5

Sequence 5, Application US/09727739B

Publication No. US20010025097A1

GENERAL INFORMATION:

APPLICANT: Sheridan, Mark

APPLICANT: Kitchison, Jeffrey

APPLICANT: Moore, Craig

TITLE OF INVENTION: Somatostatin and Methods

FILE REFERENCE: 255.00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US 60/168,934  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5  
LENGTH: 88  
TYPE: PRT  
ORGANISM: Oncorhynchus mykiss  
US-09-727-739B-5

Query Match 14.3%; Score 85.5; DB 12; Length 88;  
Best Local Similarity 52.3%; Pred. No. 0.081;

Matches 23; Conservative 5; Mismatches 13; Indels 3; Gaps 1;

QY 1 MEVSOIHQALMLGLALICQGAASQPDLDASRLQALAA 44  
DB 1 MSTRVQCALALSLALALSSVSAPF--DAKRLQLQSLMA 41

## RESULT 39

US-09-766-396-6

Sequence 6, Application US/09766396

Patent No. US20020013456A1

GENERAL INFORMATION:

APPLICANT: Sutcliffe, Gregor J.

de Lecea, Luis

Sigghns, George R.

Henriksen, Steven J.

TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,

COMPOSITIONS AND METHODS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESS: THE SCRIPPS RESEARCH INSTITUTE

SHREVE: 10666 No. US20020013456A1th Torrey Pines Road, TPC-8

CITY: La Jolla

STATE: California

COUNTRY: US

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/766,396

FILING DATE: 18-Jan-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 06/857,389

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Schmonsees, William

REGISTRATION NUMBER: 31,796

REFERENCE/DOCKET NUMBER: 22908-0002

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 324-7041

TELEFAX: (415) 324-0638

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 85 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

FRAGMENT TYPE: C-terminal

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-766-396-6

Query Match 13.9%; Score 83; DB 9; Length 85;  
Best Local Similarity 44.4%; Pred. No. 0.15;  
Matches 16; Conservative 5; Mismatches 13; Indels 2; Gaps 1;

Fri May 7 08:47:51 2004

us-09-727-739b-15.rapb

Page 12

QY 76 POLKAKEDLERSVDNLPERRKAGCKNFYKGFSTSC 111  
Db 51 PELSKRQ--ERPPLOQPPHRDKKPCKNFFWKTFTSSC 84

RESULT 40

US-10-062-375-6

Sequence 6, Application US/10062375

Publication No. US20020133000A1

GENERAL INFORMATION:

Applicant: Sutcliffe, Gregor J.

de Lecea, Luis

Sigsgins, George R.

Henriksen, Steven J.

TITLE OF INVENTION: CORISTATIN: NEUROPEPTIDES,  
COMPOSITIONS AND METHODS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESS: THE SCRIPPS RESEARCH INSTITUTE

STREET: 10666 No. US20020133000A1th Torrey Pines Road, TPC-8

CITY: La Jolla

STATE: California

COUNTRY: US

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/062,375

FILING DATE: 30-Jan-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/857,389

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Schmonees, William

REGISTRATION NUMBER: 31,796

REFERENCE/DOCKET NUMBER: 22908-0002

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 324-7041

TELEFAX: (415) 324-0638

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 85 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

FRAGMENT TYPE: C-terminal

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-10-062-375-6

Query Match 13.3%; Score 83; DB 13; Length 85;  
Best Local Similarity 44.4%; Pred. No. 0.15; Indels 2; Gaps 1;

Matches 16; Conservative 5; Mismatches 13; Indels 2; Gaps 1;

QY 76 POLKAKEDLERSVDNLPERRKAGCKNFYKGFSTSC 111  
Db 51 PELSKRQ--ERPPLOQPPHRDKKPCKNFFWKTFTSSC 84

Search completed: May 6, 2004, 17:05:53  
Job time : 66.7425 secs



CORRESPONDENCE ADDRESS:  
ADDRESSER: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. 6074672th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/648,322  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: 519.0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 554-2937  
TELEFAX: (619) 554-6312  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 110 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: Protein  
FRAGMENT TYPE: C-terminal  
US-08-648-322-3

Query Match 26.9%; Score 160.5; DB 3; Length 110;  
Best Local Similarity 38.3%; Pred. No. 1.5e-12;  
Matches 46; Conservative 17; Mismatches 30; Indels 27; Gaps 6;

QY 8 CALALGLALATCS-QGASOPDLDASRRLLORALAAALPHRSGVSRMTFFYNCPCL 66  
DB 2 CALALGLALATCS-QGASOPDLDASRRLLORALAAALPHRSGVSRMTFFYNCPCL 66  
QY 67 RWRPRKVGPKLAKK-----DLERSVDNLP---PREKACCKNFKYKGFISC 111  
DB 51 LSEPNQTEMDALPEPDLPGAARQDEMRLQLQSANSNPAMAPREKACCKNFKYKGFISC 110

RESULT 3  
US-08-857-389-3  
Sequence 3, Application US/08857389  
Patent No. 6479642  
GENERAL INFORMATION:  
APPLICANT: Sutcliffe, Gregor J.  
APPLICANT: de Leca, Luis  
APPLICANT: Sligins, George R.  
APPLICANT: Henriksen, Steven J.  
TITLE OF INVENTION: CORITSTATIN, NEUROPEPTIDES,  
TITLE OF INVENTION: COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSER: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. 6479642th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/857,389  
FILING DATE:  
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:  
NAME: Schmonsees, William  
REGISTRATION NUMBER: 31,796  
REFERENCE/DOCKET NUMBER: 22908-0002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-7041  
TELEFAX: (415) 324-0638  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 110 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: Protein  
FRAGMENT TYPE: C-terminal  
US-08-857-389-3

Query Match 26.9%; Score 160.5; DB 4; Length 110;  
Best Local Similarity 38.3%; Pred. No. 1.5e-12;  
Matches 46; Conservative 17; Mismatches 30; Indels 27; Gaps 6;

QY 8 CALALGLALATCS-QGASOPDLDASRRLLORALAAALPHRSGVSRMTFFYNCPCL 66  
DB 2 CALALGLALATCS-QGASOPDLDASRRLLORALAAALPHRSGVSRMTFFYNCPCL 66  
QY 67 RWRPRKVGPKLAKK-----DLERSVDNLP---PREKACCKNFKYKGFISC 111  
DB 51 LSEPNQTEMDALPEPDLPGAARQDEMRLQLQSANSNPAMAPREKACCKNFKYKGFISC 110

RESULT 4  
US-09-280-030-64  
Sequence 64, Application US/09280030A  
Patent No. 6506595  
GENERAL INFORMATION:  
APPLICANT: Sato, Sei-ji  
APPLICANT: Higashikuni, Naohiko  
APPLICANT: Kudo, Yoshiyuki  
APPLICANT: Kondo, Masaki  
TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR THE  
TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE  
TITLE OF INVENTION: DNAS  
FILE REFERENCE: 382.1026  
CURRENT APPLICATION NUMBER: US/09/280,030A  
CURRENT FILING DATE: 1999-03-26  
EARLIER APPLICATION NUMBER: JP10-87339/1998  
EARLIER FILING DATE: 1998-03-31  
NUMBER OF SEQ ID NOS: 66  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 64  
LENGTH: 140  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Designated is  
OTHER INFORMATION: an amino acid sequence of  
OTHER INFORMATION: MWPRP-WMPMP20-(His)6-EGF-TV-Somatostatin 28  
US-09-280-030-64

Query Match 17.7%; Score 105.5; DB 4; Length 140;  
Best Local Similarity 28.0%; Pred. No. 1.8e-05;  
Matches 42; Conservative 18; Mismatches 35; Indels 55; Gaps 8;

QY 4 SQHICALALGLALATCSQGA--SOPDLDASRRLLORALAAALPHRSGVSRMTFFYP 61  
DB 4 SVLASALALVYAPMAFAEALATTAPKADADKVKVHH-----HHNDSSE----- 51  
QY 62 NCP-----CL-----RWRPRKVGPKLAKK-----AKEDLE 85  
DB 52 -CPASHDYGCHDGVCMYIRALDKYACNCVGYIGRCQYRDKMWELRDYDIPTTEN 110  
QY 86 -RSVDNLP---PREKACCKNFKYKGFISC 111  
DB 111 FOSANSNPAMAPREKACCKNFKYKGFISC 140

RESULT 5  
US-08-648-322-2  
Sequence 2, Application US/08648322  
Patent No. 6074872  
GENERAL INFORMATION:  
APPLICANT: Sutcliffe, Gregor J.  
TITLE OF INVENTION: CORISTATIN: NEUROPEPTIDES,  
TITLE OF INVENTION: COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESSES:  
ADDRESS: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. 6074872th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/648,322  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: 519.0  
TELEPHONE: (619) 554-2937  
TELEFAX: (619) 554-6312  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 112 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-648-322-2  
Query Match 14.6%; Score 87; DB 3; Length 112;  
Best Local Similarity 25.2%; Pred. No. 0.0028;  
Matches 30; Conservative 9; Mismatches 42; Indels 38; Gaps 4;  
DB 20 CSQGAQPDLDIARRLQALAAALPHRSGVSR-----WRTF 59  
DB 4 CSTRGKRPASLILLILLISGIAASALPLSGPTQDSVQDATGGRRTGLTLFLAMWH-- 61  
QY 60 YNCPCLRWPRKVKG-----POLKAKEDLERVDNLPERRAGCKNFYKGFSTGC 111  
DB 62 -----EWASQSSSTAPEGSTPELSKRQ--ERPPLOQPHRDKPKCKNFYKGFSTGC 111  
RESULT 6  
US-09-001-472-3  
Sequence 3, Application US/09001472  
Patent No. 6232100  
GENERAL INFORMATION:  
APPLICANT: OLSEN, HENRIK S.  
APPLICANT: RUBEN, STEVEN M.  
TITLE OF INVENTION: CORISTATIN POLYPEPTIDES  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
STREET: 1100 NEW YORK AVENUE, SUITE 600  
CITY: WASHINGTON  
STATE: DC  
COUNTRY: US  
ZIP: 20005-3934  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/001,472  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/033,980  
FILING DATE: 31-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/037,386  
FILING DATE: 07-FEB-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: STEFFE, ERIC K.  
REGISTRATION NUMBER: 36,688  
REFERENCE/DOCKET NUMBER: 1488.0430002  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 112 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-001-472-3  
Query Match 14.6%; Score 87; DB 3; Length 112;  
Best Local Similarity 25.2%; Pred. No. 0.0028;  
Matches 30; Conservative 9; Mismatches 42; Indels 38; Gaps 4;  
DB 20 CSQGAQPDLDIARRLQALAAALPHRSGVSR-----WRTF 59  
DB 4 CSTRGKRPASLILLILLISGIAASALPLSGPTQDSVQDATGGRRTGLTLFLAMWH-- 61  
QY 60 YNCPCLRWPRKVKG-----POLKAKEDLERVDNLPERRAGCKNFYKGFSTGC 111  
DB 62 -----EWASQSSSTAPEGSTPELSKRQ--ERPPLOQPHRDKPKCKNFYKGFSTGC 111  
RESULT 7  
US-08-857-389-2  
Sequence 2, Application US/08857389  
Patent No. 6479642  
GENERAL INFORMATION:  
APPLICANT: Sutcliffe, Gregor J.  
APPLICANT: Siggs, George R.  
TITLE OF INVENTION: CORISTATIN: NEUROPEPTIDES,  
TITLE OF INVENTION: COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESSES:  
ADDRESS: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. 6479642th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/857,389  
FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Schmonsees, William  
REGISTRATION NUMBER: 31,796



REFERENCE/DOCKET NUMBER: 22908-0002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-7041  
TELEFAX: (415) 324-0638  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 112 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-857-389-2

Query Match 14.6%; Score 87; DB 4; Length 112;  
Best Local Similarity 25.2%; Pred. No. 0.0028;  
Matches 30; Conservative 9; Mismatches 42; Indels 38; Gaps 4;

QY 20 CCGAASQPDLDASRLORALAAALPHRSVSEK-----KRTF 59  
DB 4 CSTRGKRPASLSTLLLSGIAASALPLESGPTGDSVQDATGRRGTGLTFIAMWH-- 61  
QY 60 YPNCPCLRWPRRKVKG-----POLKAKEDLERVDNLPERRKAGCKNFYWKGFSTSC 111  
DB 62 -----EMASQDSSTAFEGGTPELSKQ--ERPPLQOPPHRDKKPCNPFWKTFSSC 111

RESULT 8  
US-09-775-827A-3  
Sequence 3, Application US/09775827A  
Patent No. 6524826  
GENERAL INFORMATION:  
APPLICANT: Olsen, Henrik S.  
APPLICANT: Ruben, Steven M.  
TITLE OF INVENTION: CORTISTATIN POLYPEPTIDES  
FILE REFERENCE: 1488.0430003  
CURRENT APPLICATION NUMBER: US/09/775,827A  
PRIOR FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: US 09/001,472  
PRIOR FILING DATE: 1997-12-31  
PRIOR APPLICATION NUMBER: US 60/037,386  
PRIOR FILING DATE: 1997-02-07  
PRIOR APPLICATION NUMBER: US 60/033,980  
PRIOR FILING DATE: 1996-12-31  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3  
LENGTH: 112  
TYPE: PRT  
ORGANISM: Rat Cortistatin  
US-09-775-827A-3

Query Match 14.6%; Score 87; DB 4; Length 112;  
Best Local Similarity 25.2%; Pred. No. 0.0028;  
Matches 30; Conservative 9; Mismatches 42; Indels 38; Gaps 4;

QY 20 CCGAASQPDLDASRLORALAAALPHRSVSEK-----KRTF 59  
DB 4 CSTRGKRPASLSTLLLSGIAASALPLESGPTGDSVQDATGRRGTGLTFIAMWH-- 61  
QY 60 YPNCPCLRWPRRKVKG-----POLKAKEDLERVDNLPERRKAGCKNFYWKGFSTSC 111  
DB 62 -----EMASQDSSTAFEGGTPELSKQ--ERPPLQOPPHRDKKPCNPFWKTFSSC 111

RESULT 9  
US-08-648-322-6  
Sequence 6, Application US/08648322  
Patent No. 6074872  
GENERAL INFORMATION:  
APPLICANT: Sutcliffe, Gregor J.  
APPLICANT: de Leca, Luis  
TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,  
COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:  
ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. 6074872th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/648,322  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: 519.0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 554-2937  
TELEFAX: (619) 554-6312  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 85 amino acids  
TYPE: amino acid  
MOLECULE TYPE: protein  
TOPOLOGY: linear  
FRAGMENT TYPE: C-terminal  
US-08-648-322-6

Query Match 13.9%; Score 83; DB 3; Length 85;  
Best Local Similarity 44.4%; Pred. No. 0.0062;  
Matches 16; Conservative 5; Mismatches 13; Indels 2; Gaps 1;

QY 76 POLKAKEDLERVDNLPERRKAGCKNFYWKGFSTSC 111  
DB 51 PELSRRQ--ERPPLQOPPHRDKKPCNPFWKTFSSC 84

RESULT 10  
US-08-857-389-6  
Sequence 6, Application US/08857389  
Patent No. 6479642  
GENERAL INFORMATION:  
APPLICANT: Sutcliffe, Gregor J.  
APPLICANT: de Leca, Luis  
APPLICANT: Higgins, George R.  
APPLICANT: Hestings, Steven J.  
TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,  
COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. 6479642th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/857,389  
FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Schmonsee, William  
REGISTRATION NUMBER: 31,796  
REFERENCE/DOCKET NUMBER: 22908-0002

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-7041  
TELEFAX: (415) 324-0638  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 85 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FRAGMENT TYPE: C-terminal  
US-08-857-389-6

Query Match 13.9%; Score 83; DB 4; Length 85;  
Best Local Similarity 44.4%; Pred. No. 0.0062;  
Matches 16; Conservative 5; Mismatches 13; Indels 2; Gaps 1;

QY 76 POLKAEEDERSVDNLPPEERKAGCKNPFYWKGFSC 111  
DB 51 PELSKRG--ERPPLOQPPHROKCKCKNPFWKTFSSC 84

RESULT 11  
US-09-001-472-2  
Sequence 2, Application US/09001472  
Patent No. 6232100  
GENERAL INFORMATION:  
APPLICANT: OLSEN, HENRIK S.  
APPLICANT: ROSEN, STEVEN M.  
TITLE OF INVENTION: CORTISTATIN POLYPEPTIDES  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
STREET: 1100 NEW YORK AVENUE, SUITE 600  
CITY: WASHINGTON  
STATE: DC  
COUNTRY: US  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/001,472  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/033,980  
FILING DATE: 31-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/037,386  
FILING DATE: 07-FEB-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: STEFFE, ERIC K.  
REGISTRATION NUMBER: 36,688  
REFERENCE/DOCKET NUMBER: 1488.0430002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 105 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-001-472-2

Query Match 13.5%; Score 80.5; DB 3; Length 105;  
Best Local Similarity 27.7%; Pred. No. 0.017;  
Matches 26; Conservative 12; Mismatches 37; Indels 19; Gaps 4;  
QY 37 LIORALA-AALPHRSQVSRWRTTFYPCPLR-----WRPRVKGPOI-KAK 81  
DB 11 LLSGATATALLPLEGGTGRDSEHMOEAQIRSSLLTFLAMFWENTSOASAPLIGERA 70

DB 11 LLSGATATALLPLEGGTGRDSEHMOEAQIRSSLLTFLAMFWENTSOASAPLIGERA 70  
QY 82 EDLERSVDNLP-----RERKAGCKNPFYWKGFSC 111  
DB 71 REVARQEGAPFQOSARRDRMPCNPFWKTFSSC 104

RESULT 12  
US-08-857-389-26  
Sequence 26, Application US/08857389  
Patent No. 6479642  
GENERAL INFORMATION:  
APPLICANT: Sutcliffe, Gregor J.  
APPLICANT: de Lecea, Luis  
APPLICANT: Siggins, George R.  
APPLICANT: Henriksen, Steven J.  
TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,  
COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. 6479642th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/857,389  
FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Schmonsees, William  
REGISTRATION NUMBER: 31,796  
REFERENCE/DOCKET NUMBER: 22908-0002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-0638  
TELEFAX: (415) 324-7041  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 105 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHEICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
US-08-857-389-26

Query Match 13.5%; Score 80.5; DB 4; Length 105;  
Best Local Similarity 27.7%; Pred. No. 0.017;  
Matches 26; Conservative 12; Mismatches 37; Indels 19; Gaps 4;  
QY 37 LIORALA-AALPHRSQVSRWRTTFYPCPLR-----WRPRVKGPOI-KAK 81  
DB 11 LLSGATATALLPLEGGTGRDSEHMOEAQIRSSLLTFLAMFWENTSOASAPLIGERA 70  
QY 82 EDLERSVDNLP-----RERKAGCKNPFYWKGFSC 111  
DB 71 REVARQEGAPFQOSARRDRMPCNPFWKTFSSC 104  
RESULT 13  
US-09-775-827A-2  
Sequence 2, Application US/09775827A  
Patent No. 6524826  
GENERAL INFORMATION:  
APPLICANT: OLSEN, HENRIK S.

APPLICANT: Ruben, Steven M.  
TITLE OF INVENTION: CORTISTATIN POLYPEPTIDES  
FILE REFERENCE: 148,043,003  
CURRENT APPLICATION NUMBER: US/09/775,827A  
CURRENT FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: US 09/001,472  
PRIOR FILING DATE: 1997-12-31  
PRIOR APPLICATION NUMBER: US 60/037,386  
PRIOR FILING DATE: 1997-02-07  
PRIOR APPLICATION NUMBER: US 60/033,980  
PRIOR FILING DATE: 1996-12-31  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: Patent version 3.0  
SEQ ID NO 2  
LENGTH: 105  
TYPE: PRT  
ORGANISM: Human Cortistatin  
US-09-775-827A-2

Query Match 13.5%; Score 80.5; DB 4; Length 105;  
Best Local Similarity 27.7%; Pred. No. 0.017;  
Matches 26; Conservative 12; Mismatches 37; Indels 19; Gaps 4;

QY 37 LIGRALAALPHRSGVSEWRTFYPCPLRW-----WRPKYKGPOL-KAK 81  
DB 11 LLSGATRALPLPSGPTGDSVQVATEGRSGILTF-----LAWHEWASQASSSTPVGG 70  
QY 82 EDLERSVDNLPP---RRKAGCKNFYKGFYK 111  
DB 71 REVARROGAPPOQSGARDRMPCRNFFWKTFS 104

RESULT 14  
US-08-648-322-5  
Sequence 5, Application US/08648322  
Patent No. 6074872

GENERAL INFORMATION:

APPLICANT: Sutcliffe, Gregor J.

TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,

TITLE OF INVENTION: COMPOSITIONS AND METHODS

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE

STREET: 10666 No. 6074872th Torrey Pines Road, TPC-8

CITY: La Jolla

STATE: California

COUNTRY: US

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/648,322

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: 519.0

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 554-2837

TELEFAX: (619) 554-6312

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 109 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-648-322-5

Query Match 13.3%; Score 79.5; DB 3; Length 109;  
Best Local Similarity 31.2%; Pred. No. 0.024;  
Matches 30; Conservative 4; Mismatches 35; Indels 27; Gaps 4;

QY 37 LIGRALAALPHRSG-----VSEWR-----TFYPCPLRW-----RRPKYK 75  
DB 19 LLMGVAASALPLPSGPTGDSVQVATEGRSGILTF-----LAWHEWASQASSSTPVGG 72  
QY 76 POLKAKEDLERSVDNLPPRRKAGCKNFYKGFYK 111  
DB 73 GTPGLSKSGERPPPOQPHLDKPKCNFFWKTFS 108

RESULT 15  
US-08-857-389-5  
Sequence 5, Application US/08857389  
Patent No. 6479642

GENERAL INFORMATION:

APPLICANT: Sutcliffe, Gregor J.

APPLICANT: de Leece, Luis

APPLICANT: Sigging, George R.

APPLICANT: Henriksen, Steven J.

TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,

TITLE OF INVENTION: COMPOSITIONS AND METHODS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE

STREET: 10666 No. 6479642th Torrey Pines Road, TPC-8

CITY: La Jolla

STATE: California

COUNTRY: US

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/857,389

FILING DATE:

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Schmonsees, William

REGISTRATION NUMBER: 31,796

REFERENCE/DOCKET NUMBER: 22908-0002

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 324-7041

TELEFAX: (415) 324-0638

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 109 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-857-389-5

Query Match 13.3%; Score 79.5; DB 4; Length 109;  
Best Local Similarity 31.2%; Pred. No. 0.024;  
Matches 30; Conservative 4; Mismatches 35; Indels 27; Gaps 4;

QY 37 LIGRALAALPHRSG-----VSEWR-----TFYPCPLRW-----RRPKYK 75  
DB 19 LLMGVAASALPLPSGPTGDSVQVATEGRSGILTF-----LAWHEWASQASSSTPVGG 72  
QY 76 POLKAKEDLERSVDNLPPRRKAGCKNFYKGFYK 111  
DB 73 GTPGLSKSGERPPPOQPHLDKPKCNFFWKTFS 108

RESULT 16  
US-08-648-322-7  
Sequence 7, Application US/08648322  
Patent No. 6074872

```

; GENERAL INFORMATION:
; APPLICANT: Sutcliffe, Gregor J.
; TITLE OF INVENTION: CORISTATIN: NEUROPEPTIDES,
; TITLE OF INVENTION: COMPOSITIONS AND METHODS
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE
; STREET: 10666 No. 6074872th Torrey Pines Road, TPC-8
; CITY: La Jolla
; STATE: California
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/648,322
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitching, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: 519.0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 554-2937
; TELEFAX: (619) 554-6312
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: C-terminal
; US-08-648-322-7

Query Match      13.1%; Score 78; DB 3; Length 29;
Best Local Similarity 51.9%; Pred. No. 0.0061;
Matches 14; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

QY      85 ERSVDNLPERRKAGCKNFYWKGTSC 111
DB      2 ERPPQGPPLHDKKCKNFKFKTSSC 28

RESULT 17
US-08-648-322-11
; Sequence 11, Application US/08648322
; Patent No. 6074872
; GENERAL INFORMATION:
; APPLICANT: Sutcliffe, Gregor J.
; APPLICANT: de Lecea, Luis
; TITLE OF INVENTION: CORISTATIN: NEUROPEPTIDES,
; TITLE OF INVENTION: COMPOSITIONS AND METHODS
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE
; STREET: 10666 No. 6074872th Torrey Pines Road, TPC-8
; CITY: La Jolla
; STATE: California
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/648,322
; FILING DATE:
; CLASSIFICATION: 435
```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Fitching, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: 519.0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 554-2937
; TELEFAX: (619) 554-6312
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: C-terminal
; US-08-648-322-11

Query Match      13.1%; Score 78; DB 3; Length 29;
Best Local Similarity 51.9%; Pred. No. 0.0061;
Matches 14; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

QY      85 ERSVDNLPERRKAGCKNFYWKGTSC 111
DB      2 ERPPQGPPLHDKKCKNFKFKTSSC 28

RESULT 18
US-08-857-389-7
; Sequence 7, Application US/08857389
; Patent No. 6479642
; GENERAL INFORMATION:
; APPLICANT: Sutcliffe, Gregor J.
; APPLICANT: de Lecea, Luis
; APPLICANT: Sigis, George R.
; APPLICANT: Henriksen, Steven J.
; TITLE OF INVENTION: CORISTATIN: NEUROPEPTIDES,
; TITLE OF INVENTION: COMPOSITIONS AND METHODS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE
; STREET: 10666 No. 6479642th Torrey Pines Road, TPC-8
; CITY: La Jolla
; STATE: California
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/857,389
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Schmonsees, William
; REGISTRATION NUMBER: 31,796
; REFERENCE/DOCKET NUMBER: 22908-0002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-7041
; TELEFAX: (415) 324-0638
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: C-terminal
; US-08-857-389-7

Query Match      13.1%; Score 78; DB 4; Length 29;
Best Local Similarity 51.9%; Pred. No. 0.0061;
Matches 14; Conservative 2; Mismatches 11; Indels 0; Gaps 0;
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QY 85 ERSVDNLPERRKAGCKNFYWKGTSC 111  
Db 2 ERPPQOPPHLDKPKCKNFYWKFTSSC 28

RESULT 19  
US-08-857-389-11

Sequence 11, Application US/08857389  
Patent No. 6479642

GENERAL INFORMATION:

APPLICANT: Sutcliffe, Gregor J.

APPLICANT: de Lecea, Luis

APPLICANT: Higgins, George R.

APPLICANT: Henriksen, Steven J.

TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,  
COMPOSITIONS AND METHODS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESS: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. 6479642th Torrey Pines Road, TPC-8

CITY: La Jolla

STATE: California

COUNTRY: US

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/857,389

FILING DATE:

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Schmonsees, William

REGISTRATION NUMBER: 31,796

REFERENCE/DOCKET NUMBER: 22908-0002

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 324-7041

TELEFAX: (415) 324-0638

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 29 amino acids

TYPE: amino acid

MOLECULE TYPE: protein

FRAGMENT TYPE: C-terminal

US-08-857-389-11

Query Match 13.1%; Score 78; DB 4; Length 29;  
Best Local Similarity 51.9%; Pred. No. 0.0061;

Matches 14; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

QY 85 ERSVDNLPERRKAGCKNFYWKGTSC 111  
Db 2 ERPPQOPPHLDKPKCKNFYWKFTSSC 28

RESULT 20  
US-08-648-322-10

Sequence 10, Application US/08648322

Patent No. 6074872

GENERAL INFORMATION:

APPLICANT: Sutcliffe, Gregor J.

APPLICANT: de Lecea, Luis

TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,  
COMPOSITIONS AND METHODS

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESS: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. 6074872th Torrey Pines Road, TPC-8

CITY: La Jolla

STATE: California

COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/648,322

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: 519.0

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 554-2937

TELEFAX: (619) 554-6312

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 84 amino acids

TYPE: amino acid

MOLECULE TYPE: protein

FRAGMENT TYPE: C-terminal

US-08-648-322-10

Query Match 13.1%; Score 78; DB 3; Length 84;  
Best Local Similarity 51.9%; Pred. No. 0.026;

Matches 14; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

QY 85 ERSVDNLPERRKAGCKNFYWKGTSC 111  
Db 57 ERPPQOPPHLDKPKCKNFYWKFTSSC 83

RESULT 21  
US-08-857-389-10

Sequence 10, Application US/08857389

Patent No. 6479642

GENERAL INFORMATION:

APPLICANT: Sutcliffe, Gregor J.

APPLICANT: de Lecea, Luis

APPLICANT: Higgins, George R.

APPLICANT: Henriksen, Steven J.

TITLE OF INVENTION: CORTISTATIN: NEUROPEPTIDES,  
COMPOSITIONS AND METHODS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESS: THE SCRIPPS RESEARCH INSTITUTE

STREET: 10666 No. 6479642th Torrey Pines Road, TPC-8

CITY: La Jolla

STATE: California

COUNTRY: US

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/857,389

FILING DATE:

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Schmonsees, William

REGISTRATION NUMBER: 31,796

REFERENCE/DOCKET NUMBER: 22908-0002

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 324-7041

TELEFAX: (415) 324-0638

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 29 amino acids

MOLECULE TYPE: protein

FRAGMENT TYPE: C-terminal

US-08-857-389-11

LENGTH: 84 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FRAGMENT TYPE: C-terminal  
US-08-857-389-10

Query Match 13.1%; Score 78; DB 4; Length 84;  
Best Local Similarity 51.3%; Pred. No. 0.026;  
Matches 14; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

CY 85 ERSVDNLP--PRERKAGCKNFYWKGTSC 111  
DB 57 ERPPQGPPIHDKPCPCNPFMKFTSSC 83

RESULT 22  
US-09-775-827A-13  
Sequence 13, Application US/09775827A  
Patent No. 6524826  
GENERAL INFORMATION:  
APPLICANT: Olsen, Henrik S.  
APPLICANT: Ruben, Steven M.  
TITLE OF INVENTION: CORTISTATIN POLYPEPTIDES  
FILE REFERENCE: 1488.0430003  
CURRENT APPLICATION NUMBER: US/09/775,827A  
CURRENT FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: US 09/001,472  
PRIOR FILING DATE: 1997-12-31  
PRIOR APPLICATION NUMBER: US 60/037,386  
PRIOR FILING DATE: 1997-02-07  
PRIOR APPLICATION NUMBER: US 60/033,980  
PRIOR FILING DATE: 1996-12-31  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 13  
LENGTH: 105  
TYPE: PRT  
ORGANISM: Human Cortistatin  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (71)  
OTHER INFORMATION: Xaa is arginine or lysine  
US-09-775-827A-13

Query Match 13.0%; Score 77.5; DB 4; Length 105;  
Best Local Similarity 27.7%; Pred. No. 0.041;  
Matches 26; Conservative 11; Mismatches 38; Indels 19; Gaps 4;

CY 37 LIGRRLA-AALPHSGVSEKRTYFPCPLR-----WPKYKGPQL-KAK 81  
DB 11 LLSGATAPALPLEGGPGGRDSEHMOEAGIRKSSLTFLAWMEWTSQASAGPLICEEA 70

CY 82 EDLERSVDNLP---RRKAGCKNFYWKGTSC 111  
DB 71 REVARRGAGAPPGQASRRDXMPCNPFMKFTSSC 104

RESULT 23  
US-08-455-970A-10  
Sequence 10, Application US/08455970A  
Patent No. 5708155  
GENERAL INFORMATION:

APPLICANT: POTTER, ANDREW A.  
APPLICANT: REDMOND, MARK J.  
APPLICANT: HUGHES, HOW P.A.  
TITLE OF INVENTION: ENHANCED IMMUNOGENICITY USING LEUKOTOXIN  
TITLE OF INVENTION: CHIMERAS  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: REED & ROBINS  
STREET: 285 HAMILTON AVENUE, SUITE 200  
CITY: PALO ALTO

STATE: CALIFORNIA  
COUNTRY: UNITED STATES OF AMERICA  
ZIP: 94301

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/455,970A  
FILING DATE: 31-MAY-1995  
CLASSIFICATION: 424

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/960,932  
FILING DATE: 14-OCT-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: ROBINS, ROBERTA L.

REGISTRATION NUMBER: 33,208  
REFERENCE/DOCKET NUMBER: 9001-0016.10  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 327-3400  
TELEFAX: (415) 327-3231

INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 943 amino acids  
TYPE: amino acid  
TOPOLOGY: linear

US-08-455-970A-10  
MOLECULE TYPE: protein

Query Match 13.0%; Score 77.5; DB 1; Length 943;  
Best Local Similarity 48.4%; Pred. No. 0.79;  
Matches 15; Conservative 5; Mismatches 8; Indels 3; Gaps 1;

CY 84 ERSVDNLP---PRERKAGCKNFYWKGTSC 111  
DB 913 LDQSLSLQFARGSSSSAGCKNPFMKFTSC 943

RESULT 24  
US-07-977-628A-1  
Sequence 1, Application US/07977628A  
Patent No. 5405597  
GENERAL INFORMATION:

APPLICANT: Dean, Richard T  
APPLICANT: Lister-James, John  
APPLICANT: Buttram, Scott  
TITLE OF INVENTION: Technetium-99m Labeled Somatostatin-  
TITLE OF INVENTION: Derived Peptides for Imaging  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Allegretti & Mitcoff, Ltd.  
STREET: 10 South Wacker Drive, Suite 3000  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA

ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/977,628A  
FILING DATE: 17-NOV-1992

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5405597an, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 91,642-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234

TELEX: 910-221-5317  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2..14  
OTHER INFORMATION: /label= Disulfide-bond  
OTHER INFORMATION: /note="The sidechain thiol groups of the third  
OTHER INFORMATION: residue cysteine and the carboxy-terminal cysteine  
OTHER INFORMATION: form a disulfide bond in native somatostatin  
US-07-977-628A-1

Query Match 12.9%; Score 77; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCKNFWKFTSC 111  
Db 1 AGCKNFWKFTSC 14

RESULT 25  
US-08-255-272-5  
Sequence 5, Application US/08255272  
Patent No. 5627268  
GENERAL INFORMATION:  
APPLICANT: Kumar, Ramesh  
APPLICANT: Sharma, Ajay  
APPLICANT: Khoury-Christianson, Anastasia  
TITLE OF INVENTION: Production of Therapeutic Peptides in  
TITLE OF INVENTION: Transgenic Animals as a Fusion with Hemoglobin  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/255,272  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30742  
REFERENCE/DOCKET NUMBER: 6794-032  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8664  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-255-272-5

Query Match 12.9%; Score 77; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCKNFWKFTSC 111  
Db 1 AGCKNFWKFTSC 14

RESULT 26  
US-08-416-007-4  
Sequence 4, Application US/08416007  
Patent No. 5693679  
GENERAL INFORMATION:  
APPLICANT: Vincent, Jean-Pierre  
APPLICANT: Gaudinault, Georges  
APPLICANT: Beaudet, Alain  
TITLE OF INVENTION: FLUORESCENT SOMATOSTATIN  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/416,007  
FILING DATE: 04-APR-1995  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 06942/003001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/542-5070  
TELEFAX: 617/542-8906  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-416-007-4

Query Match 12.9%; Score 77; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCKNFWKFTSC 111  
Db 1 AGCKNFWKFTSC 14

RESULT 27  
US-08-676-263-11  
Sequence 11, Application US/08676263  
Patent No. 5705143  
GENERAL INFORMATION:  
APPLICANT: Bower, Gary R.  
APPLICANT: Forster, Alan M.  
APPLICANT: Riley, Anthony L. M.  
APPLICANT: Storey, Anthony B.  
TITLE OF INVENTION: BIOLOGICAL TARGETING AGENTS  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 233 South Wacker Drive/6300 Sears Tower  
CITY: Chicago

```

STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/676,263
FILING DATE: 07-NOV-1996
CLASSIFICATION: 424
PRIOR APPLICATION NUMBER: EP 94300224.6
ATTORNEY/AGENT INFORMATION:
NAME: Sharp, Jeffrey S.
REGISTRATION NUMBER: 31,879
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: (312) 474-6600
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Crosss-links
LOCATION: 3..14
US-08-676-263-11

Query Match 12.9% Score 77; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 0.0031;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCNGFYWKGFSTSC 111
Db 1 AGCNGFYWKGFSTSC 14

RESULT 28
US-08-286-748B-13
Sequence 13, Application US/08286748B
Patent No. 5759542
GENERAL INFORMATION:
APPLICANT: Victor Gurewicz
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DELIVERY
TITLE OF INVENTION: OF DRUGS BY PLATELETS FOR THE TREATMENT OF
TITLE OF INVENTION: CARDIOVASCULAR AND OTHER DISEASES
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/286,748B
FILING DATE: August 5, 1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:

```

```

NAME: J. Peter Passe
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 04547/013001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 14
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-286-748B-13

Query Match 12.9% Score 77; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 0.0031;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCNGFYWKGFSTSC 111
Db 1 AGCNGFYWKGFSTSC 14

RESULT 29
US-08-690-090A-1
Sequence 1, Application US/08690090A
Patent No. 5770687
GENERAL INFORMATION:
APPLICANT: HORNIK, VERED
APPLICANT: SERI-LEVY, ALON
APPLICANT: GILMAN, GARY
APPLICANT: GILON, CHAIM
TITLE OF INVENTION: Conformationally Constrained Backbone
TITLE OF INVENTION: Cyclized Somatostatin Analogs
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/690,090A
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/488,159
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fanucci, Allan A.
REGISTRATION NUMBER: 30,256
REFERENCE/DOCKET NUMBER: 7754-052-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-690-090A-1

Query Match 12.9% Score 77; DB 1; Length 14;

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Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCKNFWKGFSTSC 111  
|||||:|||||  
DB 1 AGCKNFWKGFSTSC 14

RESULT 30  
US-08-488-159-1  
; Sequence 1, Application US/08488159  
; Patent No. 5811392

GENERAL INFORMATION:  
APPLICANT: Gilson, Chaim  
TITLE OF INVENTION: Conformationally Constrained Backbone  
TITLE OF INVENTION: Cyclized Peptide Analogs  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,159  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:

NAME: Fenucci, Allan A.  
REGISTRATION NUMBER: 30,256  
REFERENCE/DOCKET NUMBER: 7754-033  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNTE  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide

US-08-488-159-1

Query Match 12.9%; Score 77; DB 2; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCKNFWKGFSTSC 111  
|||||:|||||  
DB 1 AGCKNFWKGFSTSC 14

RESULT 31  
US-08-465-764-1  
; Sequence 1, Application US/08465764  
; Patent No. 5814298

GENERAL INFORMATION:  
APPLICANT: Dean, Richard T  
APPLICANT: Lister-James, John  
TITLE OF INVENTION: Technetium-99m Labeled  
TITLE OF INVENTION: Somatostatin-derived Peptides for Imaging and Therapeutic  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Allegretti, Ltd  
STREET: 10 South Wacker Drive, Suite 3000

CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,764  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5814298nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 92,385-R

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
TELEX: 910-221-5317

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 amino acids  
TYPE: amino acid  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
FEATURE:

NAME/KEY: Modified-site  
LOCATION: 3..14  
OTHER INFORMATION: /label= Disulfide bond  
OTHER INFORMATION: /note= "The peptide is cyclized between the  
OTHER INFORMATION: sidechain sulfur atoms of the 3d and 14th residues  
US-08-465-764-1

Query Match 12.9%; Score 77; DB 2; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCKNFWKGFSTSC 111  
|||||:|||||  
DB 1 AGCKNFWKGFSTSC 14

RESULT 32  
US-08-475-751-4  
; Sequence 4, Application US/08475751  
; Patent No. 5824772

GENERAL INFORMATION:  
APPLICANT: Vincent, Jean-Pierre  
APPLICANT: Beaudet, Alain  
TITLE OF INVENTION: FLUORESCENT SOMATOSTATIN  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 585 Commercial Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-1024

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/475,751  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/416,007  
FILING DATE: 04-APR-1995

ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 06942/004001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/723-4123  
TELEFAX: 617/723-8962  
TELEX:  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-475-751-4

Query Match 12.9%; Score 77; DB 2; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCKNFYWKGFSTSC 111  
|||||:|||||  
Db 1 AGCKNFYWKGFSTSC 14

RESULT 33  
US-08-282-980B-1  
Sequence 1, Application US/08282980B  
Patent No. 5932189  
GENERAL INFORMATION:  
APPLICANT: Dean, Richard T.  
APPLICANT: McBride, William  
APPLICANT: Lister-James, John  
TITLE OF INVENTION: Peptides  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, Seventh Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/282,980B  
FILING DATE: 29-JUL-1994  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5932189nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 92,385-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-913-0001  
TELEFAX: 312-913-0002  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 amino acids  
TYPE: amino acid  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 3..14  
OTHER INFORMATION: /label= Disulfide bond  
OTHER INFORMATION: /note= "A disulfide bond exists between the  
OTHER INFORMATION: two sulfur atoms of the cysteine residues;  
US-08-282-980B-1

Query Match 12.9%; Score 77; DB 2; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCKNFYWKGFSTSC 111  
|||||:|||||  
Db 1 AGCKNFYWKGFSTSC 14

RESULT 34  
US-08-747-137-13  
Sequence 13, Application US/08747137  
Patent No. 5945033  
GENERAL INFORMATION:  
APPLICANT: Yen, Richard C.K.  
TITLE OF INVENTION: NON-CROSSLINKED PROTEIN PARTICLES FOR  
THERAPEUTIC AND DIAGNOSTIC USE  
NUMBER OF SEQUENCES: 184  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/747,137  
FILING DATE: 12-NOV-1996  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/212,546  
FILING DATE: 14-MAR-1994  
APPLICATION NUMBER: US 08/069,831  
FILING DATE: 01-JUN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/959,560  
FILING DATE: 13-OCT-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/641,720  
FILING DATE: 15-JAN-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 016197-000840US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-576-0200  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
US-08-747-137-13

Query Match 12.9%; Score 77; DB 2; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCKNFYWKGFSTSC 111  
|||||:|||||  
Db 1 AGCKNFYWKGFSTSC 14

RESULT 35  
US-09-039-062-1  
Sequence 1, Application US/09039062

Patent No. 5965108  
GENERAL INFORMATION:  
APPLICANT: Dean, Richard T.  
TITLE OF INVENTION: Peptide-Metal Chelate Conjugates  
FILE REFERENCE: DIT1108D1  
CURRENT APPLICATION NUMBER: US/09/039,062  
CURRENT FILING DATE: 1998-03-13  
EARLIER APPLICATION NUMBER: 08/241,625  
EARLIER FILING DATE: 1994-05-12  
NUMBER OF SEQ ID NOS: 1  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO: 1  
LENGTH: 14  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: DISULFID  
LOCATION: (3)..(14)  
US-09-039-062-1

Query Match 12.9%; Score 77; DB 2; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 98 AGCKNFWKGTSC 111  
Db 1 AGCKNFWKGTSC 14

RESULT 36  
US-09-042-224-1  
Sequence 1, Application US/09042224  
Patent No. 5972308  
GENERAL INFORMATION:  
APPLICANT: Dean, Richard T.  
TITLE OF INVENTION: Peptide-Metal Chelate Conjugates  
FILE REFERENCE: 10804  
CURRENT APPLICATION NUMBER: US/09/042,224  
CURRENT FILING DATE: 1998-03-13  
EARLIER APPLICATION NUMBER: 08/241,625  
EARLIER FILING DATE: 1994-05-12  
NUMBER OF SEQ ID NOS: 1  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO: 1  
LENGTH: 14  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: DISULFID  
LOCATION: (3)..(14)  
US-09-042-224-1

Query Match 12.9%; Score 77; DB 2; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 98 AGCKNFWKGTSC 111  
Db 1 AGCKNFWKGTSC 14

RESULT 37  
US-09-042-315A-1  
Sequence 1, Application US/09042315A  
Patent No. 5985241  
GENERAL INFORMATION:  
APPLICANT: Dean, Richard T.  
TITLE OF INVENTION: PEPTIDE-METAL CHELATE CONJUGATES  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Patricia A. McDaniels, Diatide, Inc.  
STREET: 9 Delta Drive  
CITY: Londonderry

STATE: NH  
COUNTRY: USA  
ZIP: 03053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/042,315A  
FILING DATE: 13-MAR-1998  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: McDaniels, Patricia A.  
REGISTRATION NUMBER: 33,194  
REFERENCE/DOCKET NUMBER: DIT1108D3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (603) 437-8970  
TELEFAX: (603) 437-8970  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: Disulfide-bond  
LOCATION: 3..14  
US-09-042-315A-1

Query Match 12.9%; Score 77; DB 2; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 98 AGCKNFWKGTSC 111  
Db 1 AGCKNFWKGTSC 14

RESULT 38  
US-08-931-095-1  
Sequence 1, Application US/08931095  
Patent No. 6017512  
GENERAL INFORMATION:  
APPLICANT: Dean, Richard T.  
APPLICANT: McBride, William  
TITLE OF INVENTION: Radiolabeled peptides  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive, 32nd floor  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/931,095  
FILING DATE: 15-SEP-1997  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6017512nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 92,385-00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-913-0001  
TELEFAX: 312-913-0002

TELEX:  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 amino acids  
; TYPE: amino acid  
; TOPOLOGY: circular  
; MOLECULE TYPE: peptide  
; FEATURE:  
; NAME/KEY: Modified-site  
; LOCATION: 3..14  
; OTHER INFORMATION: /label= Disulfide bond  
; OTHER INFORMATION: /note= "A disulfide bond exists between the  
; OTHER INFORMATION: two sulfur atoms of the cysteine residues;  
US-08-931-095-1

Query Match 12.9%; Score 77; DB 3; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCNGFWKGTSC 111  
Db 1 AGCNGFWKGTSC 14

RESULT 39  
US-09-100-414B-83  
; Sequence 83, Application US/09100414B  
; Patent No. 6025468  
; GENERAL INFORMATION:  
; APPLICANT: Wang, Chang Yi  
; TITLE OF INVENTION: NOVEL IHRH PEPTIDE  
; NUMBER OF SEQUENCES: 106  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Morgan & Finnegan, L.L.P.  
; STREET: 345 Park Avenue  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10154-0054  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC Windows  
; SOFTWARE: Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/100,414B  
; FILING DATE: 20-JUNE-1998  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Maria H. Lin  
; REGISTRATION NUMBER: 29,323  
; REFERENCE/DOCKET NUMBER: 1151-4157  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-758-4800  
; TELEFAX: 212-751-6849  
; INFORMATION FOR SEQ ID NO: 83:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-09-100-414B-83

Query Match 12.9%; Score 77; DB 3; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCNGFWKGTSC 111  
Db 1 AGCNGFWKGTSC 14

RESULT 40  
US-09-420-866-1  
; Sequence 1, Application US/09420866  
; Patent No. 6183722  
; GENERAL INFORMATION:  
; APPLICANT: Dean, Richard T.  
; APPLICANT: Lister-James, John  
; TITLE OF INVENTION: Somatostatin Analogs  
; FILE REFERENCE: 11862  
; CURRENT APPLICATION NUMBER: US/09/420,866  
; CURRENT FILING DATE: 1999-10-19  
; EARLIER APPLICATION NUMBER: 08/092,355  
; EARLIER FILING DATE: 1993-07-15  
; EARLIER APPLICATION NUMBER: 07/807,062  
; EARLIER FILING DATE: 1991-11-27  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 14  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: DISULFID  
; LOCATION: (3)..(14)  
US-09-420-866-1

Query Match 12.9%; Score 77; DB 3; Length 14;  
Best Local Similarity 85.7%; Pred. No. 0.0031;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 98 AGCNGFWKGTSC 111  
Db 1 AGCNGFWKGTSC 14

Search completed: May 6, 2004, 16:50:51  
Job time : 26.2489 secs

GenCore version 5.1.6  
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# OM protein - protein search, using sw model

Run on: May 6, 2004, 16:44:09 ; Search time 19.5622 Seconds  
(without alignments)  
226.959 Million cell updates/sec

Title: US-09-727-739B-17

Sequence: 1 MRVSQIHCALALGLALALIC.....RMRPRKVGPKLAKEDLER 66

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Gapop 10.0, Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Database:

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2: /cgn2\_6/ptodata/2/1aa/5B.COMB.pep.\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	79.5	17.7	116	4	US-09-621-976-5268
2	73.5	16.3	140	4	US-09-252-991A-18847
3	73	16.2	126	4	US-09-489-039A-7663
4	68	15.1	417	4	US-09-252-991A-16986
5	67	14.9	1205	1	US-07-908-245-2
6	67	14.9	1205	2	US-08-319-866-10
7	67	14.9	1205	3	US-09-123-708-6
8	67	14.9	1205	3	US-09-123-708-6
9	65	14.4	484	4	US-09-252-991A-29252
10	64	14.2	679	4	US-09-252-991A-28325
11	63.5	14.1	333	4	US-09-482-273-131
12	63.5	14.1	829	4	US-09-252-991A-28854
13	62.5	13.9	110	3	US-08-648-322-3
14	62.5	13.9	110	3	US-08-857-389-3
15	62.5	13.9	352	4	US-09-489-039A-11752
16	62.5	13.9	575	4	US-09-252-991A-26328
17	62	13.8	833	4	US-09-470-276-54
18	61.5	13.7	416	4	US-09-252-991A-29541
19	61.5	13.7	421	4	US-09-252-991A-24150
20	61.5	13.7	551	4	US-09-252-991A-16984
21	61	13.6	154	4	US-09-252-991A-27368
22	61	13.6	279	4	US-09-252-991A-26660
23	61	13.6	296	4	US-09-252-991A-22293
24	60.5	13.4	120	4	US-09-252-991A-19708
25	60.5	13.4	234	4	US-08-311-731A-60
26	60	13.3	433	4	US-09-198-452A-925
27	60	13.3	521	4	US-09-252-991A-32732

28	60	13.3	748	4	US-09-252-991A-18427	Sequence 18427, A
29	60	13.3	760	4	US-09-252-991A-19869	Sequence 19869, A
30	59.5	13.2	308	4	US-09-252-991A-31739	Sequence 31739, A
31	59.5	13.2	2476	2	US-08-276-967-2	Sequence 2, Appl1
32	59	13.1	211	4	US-09-252-991A-17041	Sequence 17041, A
33	59	13.1	268	4	US-09-489-039A-11078	Sequence 11078, A
34	59	13.1	358	4	US-09-252-991A-20584	Sequence 20584, A
35	59	13.1	520	4	US-09-772-426A-10	Sequence 10, Appl1
36	58.5	13.0	138	4	US-09-252-991A-30362	Sequence 30362, A
37	58.5	13.0	153	4	US-09-252-991A-26199	Sequence 26199, A
38	58.5	13.0	214	4	US-09-252-991A-26405	Sequence 26405, A
39	58.5	13.0	396	4	US-09-325-256-24	Sequence 24, Appl1
40	58.5	13.0	396	4	US-09-704-917-17	Sequence 17, Appl1
41	58.5	13.0	396	4	US-09-151-999-17	Sequence 17, Appl1
42	58.5	13.0	431	4	US-09-252-991A-32589	Sequence 32589, A
43	58	12.9	138	4	US-09-252-991A-26931	Sequence 26931, A
44	58	12.9	204	4	US-09-252-991A-28699	Sequence 28699, A
45	58	12.9	274	4	US-09-252-991A-25594	Sequence 25594, A

## ALIGNMENTS

```

RESULT 1
US-09-621-976-5268
; Sequence 5268, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Uobert, S.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 5268
; LENGTH: 116
; TYPE: PR
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: 27..-1
US-09-621-976-5268

Query Match      17.7%; Score 79.5; DB 4; Length 116;
Best Local Similarity 34.9%; Pred. No. 0.014;
Matches 29; Conservative 13; Mismatches 28; Indels 13; Gaps 5;

QY      5 QIHCALALGLALAI-CSQGAASQPDLDASRLQRLAALPHRSGVSRKTFYENC 63
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DB      5 RIQCALALISTYLAIGCTGAPSDRL---RQFLQKSLAA---AKQELAKYFLAE- 55

QY      64 PCLRWPRKVGPKLAKEDLER 86
DB      56 --LISEPNTEDALF-PEDLSQ 75

RESULT 2
US-09-252-991A-18847
; Sequence 18847, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190

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PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 18847  
LENGTH: 140  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-18847

Query Match  
Best Local Similarity 16.3%; Score 73.5; DB 4; Length 140;  
Pred. No. 0.1;  
Matches 23; Conservative 3; Mismatches 24; Indels 13; Gaps 3;

QY 24 AASQPDLDASRLQALAAALPHRSQVSEWRRTFPCLRW-----RPRKYG 75  
DB 29 SCQGPAPSRRLRLALVSAAP--SPASRTMR--NASALSWSLRQLRPSKXA 83

QY 76 PQL 78  
DB 84 PAL 86

RESULT 3  
US-09-489-039A-7663  
Sequence 7663, Application US/09489039A  
Patent No. 6610836  
GENERAL INFORMATION:

APPLICANT: Gary Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
TITLE OF INVENTION: PNEUMONIA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 2709.2004001

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT FILING DATE: 2000-01-27

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR FILING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342

SEQ ID NO 7663

LENGTH: 126

TYPE: PRT

ORGANISM: Klebsiella pneumoniae

US-09-489-039A-7663

Query Match  
Best Local Similarity 16.2%; Score 73; DB 4; Length 126;  
Pred. No. 0.1;  
Matches 24; Conservative 7; Mismatches 27; Indels 18; Gaps 3;

QY 15 LALATCSQ--AASQPDLDASRLQALAAALPHRSQVSEWRRTFYP-----61

DB 49 IMCICSPRIFSSRP--LPARRALRYALTARWRRVGSTRRAAAPASASPTAKS 105

QY 62 --NCPCLRWPRKYG 75

DB 106 LKNCFCRWWPPSPAG 121

#### RESULT 4

US-09-252-991A-16986

Sequence 16986, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

FILE REFERENCE: 107196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 16986

LENGTH: 417

TYPE: PRT

ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-16986

Query Match  
Best Local Similarity 15.1%; Score 68; DB 4; Length 417;  
Pred. No. 2.1;  
Matches 22; Conservative 5; Mismatches 26; Indels 12; Gaps 2;

QY 11 ALGLALATCSQAASQPDLDASRLQALAAALPHRSQVSEWRRTFPCLRWP 70  
DB 139 ALAQAPVADRAAPQAPVFPALRRV--APVALLPAPAGPRLPWR-----RP 186

QY 71 RRYKG 75  
DB 187 RPARAG 191

#### RESULT 5

US-07-908-245-2

Sequence 2, Application US/07908245

Patent No. 5498539

GENERAL INFORMATION:

APPLICANT: Harrison, David G.

APPLICANT: Alexander, R. Wayne

APPLICANT: Murphy, T.J.

TITLE OF INVENTION: Nishida, Ken'ichi

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESS: Kilpatrick & Cody

STREET: 1100 Peachtree Street, Suite 2800

CITY: Atlanta

STATE: Georgia

COUNTRY: U.S.

ZIP: 30309-4530

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/908,245

FILING DATE: 19920702

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Padet, Patrea L.

REGISTRATION NUMBER: 31,284

REFERENCE/DOCKET NUMBER: EMU 111

TELECOMMUNICATION INFORMATION:

TELEPHONE: 404-815-6508

TELEFAX: 404-815-6555

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1205 amino acids

TYPE: AMINO ACID

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: N-terminal

ORGANISM: Bovine

TISSUE TYPE: Aorta

CELL TYPE: Endothelial

FEATURE:

NAME/KEY: Binding-site

LOCATION: 496..512

OTHER INFORMATION: /note= "CA++/CAM binding domain"

FEATURE:

NAME/KEY: Binding-site

LOCATION: 651..678

OTHER INFORMATION: /note= "FMN binding domain"

NAME/KEY:	Binding-site	
LOCATION:	795..806	
OTHER INFORMATION:	/note= "FAD-Pyrophosphate binding	
OTHER INFORMATION:	domain"	
FEATURE:		
NAME/KEY:	Binding-site	
LOCATION:	937..947	
OTHER INFORMATION:	/note= "FAD-Isolalloxanthine	
OTHER INFORMATION:	binding domain"	
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LOCATION:	1012..1030	
OTHER INFORMATION:	/note= "NADPH-Ribose binding	
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LOCATION:	1111..1124	
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FEATURE:		
NAME/KEY:	Domain	
LOCATION:	33..34	
OTHER INFORMATION:	/note= "Potential proline directed	
OTHER INFORMATION:	phosphorylation site"	
FEATURE:		
NAME/KEY:	Domain	
LOCATION:	46..47	
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FEATURE:		
NAME/KEY:	Domain	
LOCATION:	53..54	
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FEATURE:		
NAME/KEY:	Domain	
LOCATION:	58..59	
OTHER INFORMATION:	/note= "Potential proline directed	
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FEATURE:		
NAME/KEY:	Domain	
LOCATION:	97..98	
OTHER INFORMATION:	/note= "Potential proline directed	
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FEATURE:		
NAME/KEY:	Domain	
LOCATION:	116..117	
OTHER INFORMATION:	/note= "Potential proline directed	
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FEATURE:		
NAME/KEY:	Domain	
LOCATION:	282..283	
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FEATURE:		
NAME/KEY:	Domain	
LOCATION:	459..460	
OTHER INFORMATION:	/note= "Potential proline directed	
OTHER INFORMATION:	phosphorylation site"	
FEATURE:		
NAME/KEY:	Domain	
LOCATION:	472..473	
OTHER INFORMATION:	/note= "Potential proline directed	
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FEATURE:		
NAME/KEY:	Domain	
LOCATION:	602..603	
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FEATURE:		
NAME/KEY:	Domain	
LOCATION:	727..728	
OTHER INFORMATION:	/note= "Potential proline directed	

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? OTHER INFORMATION: phosphorylation site"
? FEATURE:
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? LOCATION: 838..839
? OTHER INFORMATION: /note= "Potential proline directed
? OTHER INFORMATION: phosphorylation site"
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? LOCATION: 869..870
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? LOCATION: 872..873
? OTHER INFORMATION: /note= "Potential proline directed
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? FEATURE:
? NAME/KEY: Domain
? LOCATION: 1085..1086
? OTHER INFORMATION: /note= "Potential proline directed
? OTHER INFORMATION: phosphorylation site"
? FEATURE:
? NAME/KEY: Domain
? LOCATION: 1202..1203
? OTHER INFORMATION: /note= "Potential proline directed
? OTHER INFORMATION: phosphorylation site"
? FEATURE:
? NAME/KEY: Domain
? LOCATION: 114..116
? OTHER INFORMATION: /note= "cAMP dependent
? OTHER INFORMATION: phosphorylation site"
? FEATURE:
? NAME/KEY: Domain
? LOCATION: 141..143
? OTHER INFORMATION: /note= "cAMP dependent
? OTHER INFORMATION: phosphorylation site"
? FEATURE:
? NAME/KEY: Domain
? LOCATION: 168..170
? OTHER INFORMATION: /note= "cAMP dependent
? OTHER INFORMATION: phosphorylation site"
? FEATURE:
? NAME/KEY: Domain
? LOCATION: 633..635
? OTHER INFORMATION: /note= "cAMP dependent
? OTHER INFORMATION: phosphorylation site"
? FEATURE:
? NAME/KEY: Domain
? LOCATION: 836..838
? OTHER INFORMATION: /note= "cAMP dependent
? OTHER INFORMATION: phosphorylation site"
? FEATURE:
? NAME/KEY: Domain
? LOCATION: 1051..1053
? OTHER INFORMATION: /note= "cAMP dependent
? OTHER INFORMATION: phosphorylation site"
? FEATURE:
? NAME/KEY: Domain
? LOCATION: 738..740
? OTHER INFORMATION: /note= "cAMP dependent
? OTHER INFORMATION: phosphorylation site"
US-07-908-245-2
Query Match 14.9%; Score 67; DB 1; Length 1205;
Best local Similarity 35.5%; Pred. No. 11;
Matches 27; Conservative 4; Mismatches 25; Indels 20; Gaps 5;
QY      |   |||    |||||       |||     |||
Db 15 CGIG-LGIGLGLCKQGKQPASAPAPER-----SRAPATPHADHSPA-----PNS 58
        |   |||    |||||       |||     |||
QY      |   |||    |||||       |||     |||
        |   |||    |||||       |||     |||

```

Db 59 PTLTRPEGPKFPRVK 74

## RESULT 6

US-08-319-866-10

Sequence 10, Application US/08319866

Patent No. 5929223

GENERAL INFORMATION:

APPLICANT: Tully, Timothy P.

APPLICANT: Yin, Jerry C.

APPLICANT: Reguski, Michael

TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF GENES

TITLE OF INVENTION: ASSOCIATED WITH LONG-TERM MEMORY

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSER: Hamilton, Brook, Smith &amp; Reynolds, P.C.

CITY: Lexington

STATE: Massachusetts

COUNTRY: USA

ZIP: 02173

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/319,866

FILING DATE: 7-OCT-1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Granahan, Patricia

REGISTRATION NUMBER: 32,227

REFERENCE/DOCKET NUMBER: CSHL94-03

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 861-6240

TELEFAX: (617) 861-9540

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 1205 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-319-866-10

Query Match 14.9%; Score 67; DB 2; Length 1205;  
Best Local Similarity 35.5%; Pred. No. 11;  
Matches 27; Conservative 4; Mismatches 25; Indels 20; Gaps 5;

Db 15 CGAG-IGLGLGCGKGPASPAEP-----SRAPAPAPHPADHSPA-----PNS 58

Qy 8 CALALGLALAI-C-SOGAAS---QPDLDLASRRLQRALAALPHRSVGSEKRTFYENC 63

Db 64 PCILMRPRKVKGPOLK 79

Qy 59 PTLTRPEGPKFPRVK 74

## RESULT 7

US-09-123-708-6

Sequence 6, Application US/09123708

Patent No. 6146887

GENERAL INFORMATION:

APPLICANT: SCHRADER, Juergen

APPLICANT: GODDECKE, Axel

TITLE OF INVENTION: DNA EXPRESSION VECTORS FOR USE IN GENE THERAPEUTIC

TITLE OF INVENTION: TREATMENT OF VASCULAR DISORDERS

FILE REFERENCE: 51169-2003

CURRENT APPLICATION NUMBER: US/09/123,708

CURRENT FILING DATE: 1998-07-28  
EARLIER APPLICATION NUMBER: 08/553,503  
EARLIER FILING DATE: 1996-03-01  
EARLIER APPLICATION NUMBER: P4411402.8  
EARLIER FILING DATE: 1994-03-31  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: Patent Ver. 2.0  
SEQ ID NO 6  
LENGTH: 1205  
TYPE: PRT  
ORGANISM: Cyromegalovirus

US-09-123-708-6

Query Match 14.9%; Score 67; DB 3; Length 1205;  
Best Local Similarity 35.5%; Pred. No. 11;  
Matches 27; Conservative 4; Mismatches 25; Indels 20; Gaps 5;

Db 15 CGAG-IGLGLGCGKGPASPAEP-----SRAPAPAPHPADHSPA-----PNS 58

Qy 8 CALALGLALAI-C-SOGAAS---QPDLDLASRRLQRALAALPHRSVGSEKRTFYENC 63

Db 64 PCILMRPRKVKGPOLK 79

Qy 59 PTLTRPEGPKFPRVK 74

## RESULT 8

US-09-123-624-6

Sequence 6, Application US/09123624

Patent No. 6149936

GENERAL INFORMATION:

APPLICANT: SCHRADER, Juergen

APPLICANT: GODDECKE, Axel

TITLE OF INVENTION: DNA EXPRESSION VECTORS FOR USE IN THE GENE THERAPEUTIC

TITLE OF INVENTION: TREATMENT OF VASCULAR DISORDERS

FILE REFERENCE: 51169-2004

CURRENT APPLICATION NUMBER: US/09/123,624

CURRENT FILING DATE: 1998-07-28

PRIOR APPLICATION NUMBER: 08/553,503

PRIOR FILING DATE: 1996-03-01

PRIOR APPLICATION NUMBER: 4411402.8

PRIOR FILING DATE: 1994-03-31

NUMBER OF SEQ ID NOS: 6

SOFTWARE: Patent Ver. 2.1

SEQ ID NO 6

LENGTH: 1205

TYPE: PRT

ORGANISM: Bos taurus

US-09-123-624-6

Query Match 14.9%; Score 67; DB 3; Length 1205;  
Best Local Similarity 35.5%; Pred. No. 11;  
Matches 27; Conservative 4; Mismatches 25; Indels 20; Gaps 5;

Db 15 CGAG-IGLGLGCGKGPASPAEP-----SRAPAPAPHPADHSPA-----PNS 58

Qy 8 CALALGLALAI-C-SOGAAS---QPDLDLASRRLQRALAALPHRSVGSEKRTFYENC 63

Db 64 PCILMRPRKVKGPOLK 79

Qy 59 PTLTRPEGPKFPRVK 74

## RESULT 9

US-09-252-991A-29252

Sequence 29252, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubinfeld et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196,136

CURRENT APPLICATION NUMBER: US/09/252,991A



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; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 29252
; LENGTH: 484
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29252

```

```

Query Match          14.4%; Score 65; DB 4; Length 484;
Best Local Similarity 32.1%; Pred. No. 6;
Matches 25; Conservative 9; Mismatches 26; Indels 18; Gaps 5;

```

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QY 7 HCNALALGIAL-----AICSGAASQPDLDLASRLQRLAALPHRSVSEMRKPRKXGP 57
DB 11 HCGAGVALTGVGHTTNAAGSVAGRSRDL---RQPLQ--TGSTLPNLAAGAPRRK 64

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QY 58 TFYENCPLRMRPRKXG 75
DB 65 PFETRLPC---RPCRWAG 79

```

```

RESULT 10
US-09-252-991A-28325
; Sequence 28325, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 28325
; LENGTH: 679
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-28325

```

```

Query Match          14.2%; Score 64; DB 4; Length 679;
Best Local Similarity 36.7%; Pred. No. 12;
Matches 22; Conservative 5; Mismatches 13; Indels 20; Gaps 5;

```

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QY 18 AICSGAASQPDLDLASRLQRLAALPHRSVSEMRKPRKXGP 76
DB 19 AACSEG-----CHRR--RRNSAALS-----SWMTAIPSC--IWRSPRRP 59

```

```

RESULT 11
US-09-482-273-131
; Sequence 131, Application US/09482273
; Patent No. 6634631
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 71 Human Secreted Proteins
; FILE REFERENCE: P2030P1
; CURRENT APPLICATION NUMBER: US/09/482,273
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: PCT/US99/15849
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: 60/092,921
; PRIOR FILING DATE: 1998-07-15
; PRIOR APPLICATION NUMBER: 60/092,922
; PRIOR FILING DATE: 1998-07-15
; PRIOR APPLICATION NUMBER: 60/092,956

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; EARLIER FILING DATE: 1998-07-15
; NUMBER OF SEQ ID NOS: 267
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 131
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (97)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-482-273-131

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```

Query Match          14.1%; Score 63.5; DB 4; Length 333;
Best Local Similarity 33.3%; Pred. No. 5.8;
Matches 19; Conservative 6; Mismatches 19; Indels 13; Gaps 4;

```

```

QY 18 AICSGAASQPDLDLASRLQRLAALPHRSVSEMRKPRKXGP 69
DB 72 AVCGQGMFPRDWDLPVQGRRTLLRXL-----VSDRYRFLCYVPRKXACSNWK 120

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RESULT 12
US-09-252-991A-28854
; Sequence 28854, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 28854
; LENGTH: 829
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-28854

```

```

Query Match          14.1%; Score 63.5; DB 4; Length 829;
Best Local Similarity 31.7%; Pred. No. 18;
Matches 19; Conservative 6; Mismatches 18; Indels 17; Gaps 2;

```

```

QY 7 HCNALALGIALAICSGAAS-----QPD-----LDLASRLQRLAALPHR 49
DB 482 HCGIGEVSGAIFCQVADAAACLPVGVPDEAQRVRGVDPFAGALAGRAALPFR 541

```

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RESULT 13
US-08-648-322-3
; Sequence 3, Application US/08648322
; Patent No. 6074872
; GENERAL INFORMATION:
; APPLICANT: Sutcliffe, Gregor J.
; TITLE OF INVENTION: NEUROPEPTIDES,
; TITLE OF INVENTION: COMPOSITIONS AND METHODS
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESS: THE SCRIPPS RESEARCH INSTITUTE
; STREET: 10666 No. 6074872th Torrey Pines Road, TPC-8
; CITY: La Jolla
; STATE: California
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/648,322  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: 519.0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 554-2937  
TELEFAX: (619) 554-6312  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 110 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FRAGMENT TYPE: C-terminal  
US-08-648-322-3

Query Match 13.9%; Score 62.5; DB 3; Length 110;  
Best Local Similarity 48.7%; Pred. No. 1.9;  
Matches 19; Conservative 5; Mismatches 10; Indels 5; Gaps 2;

QY 8 CALALGLALAIICS-QGAASQPDLDASRRLLQRAALAA 45  
DB 2 CALALGLALAIICGVTGAPSDPRL---RQFLQKSLAAA 36

RESULT 14  
US-08-857-389-3  
Sequence 3, Application US/08857389  
Patent No. 6479642  
GENERAL INFORMATION:  
APPLICANT: Sutcliffe, Gregor J.  
APPLICANT: de Leece, Luis  
APPLICANT: Siggins, George R.  
APPLICANT: Henriksen, Steven J.  
TITLE OF INVENTION: CORTISTATIN, NEUROPEPTIDES,  
TITLE OF INVENTION: COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE  
STREET: 10666 No. 6479642th Torrey Pines Road, TPC-8  
City: La Jolla  
STATE: California  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/857,389  
FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Schmonsees, William  
REGISTRATION NUMBER: 31,796  
REFERENCE/DOCKET NUMBER: 22908-0002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-7041  
TELEFAX: (415) 324-0638  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 110 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FRAGMENT TYPE: C-terminal

US-08-857-389-3

Query Match 13.9%; Score 62.5; DB 4; Length 110;  
Best Local Similarity 48.7%; Pred. No. 1.9;  
Matches 19; Conservative 5; Mismatches 10; Indels 5; Gaps 2;

QY 8 CALALGLALAIICS-QGAASQPDLDASRRLLQRAALAA 45  
DB 2 CALALGLALAIICGVTGAPSDPRL---RQFLQKSLAAA 36

RESULT 15  
US-09-489-039A-11752  
Sequence 11752, Application US/09489039A  
Patent No. 6610836  
GENERAL INFORMATION:  
APPLICANT: Gary Breton et al  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
FILE REFERENCE: 2709.2004001  
CURRENT FILING DATE: US/09/489,039A  
PRIOR APPLICATION NUMBER: 2000-01-27  
PRIOR FILING DATE: 1999-01-29  
NUMBER OF SEQ ID NOS: 14342  
SEQ ID NO 11752  
TYPE: PRT  
ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-11752

Query Match 13.9%; Score 62.5; DB 4; Length 352;  
Best Local Similarity 32.1%; Pred. No. 8.3;  
Matches 27; Conservative 10; Mismatches 34; Indels 13; Gaps 4;

QY 7 HCALALGLALAIICS-QGAASQPDLDASRRLLQRAALAAALPHRSQVS--ERMETFPYN-C 63  
DB 161 HVALLLIGLD---ASQANALPHEHCENYIILDAISRTTKATGWVSAPANKEMFYADDM 217

QY 64 PCLRNR-----PRKYGSQLKA 80  
DB 218 PALAMRFIDELTPPEIKARSLKA 241

RESULT 16  
US-09-252-991A-26328  
Sequence 26328, Application US/09252991A  
Patent No. 6551795  
GENERAL INFORMATION:  
APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
FILE REFERENCE: 107196.136  
CURRENT FILING DATE: US/09/252,991A  
PRIOR APPLICATION NUMBER: 1999-02-18  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 26328  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-26328

Query Match 13.9%; Score 62.5; DB 4; Length 575;  
Best Local Similarity 26.6%; Pred. No. 16;  
Matches 21; Conservative 10; Mismatches 17; Indels 31; Gaps 3;

QY 6 HICALALGLALAIICS-QGAASQPDLDASRRLLQRAALAA 43  
DB 46 LHPILRHPLALALCAAGAAQAQKNLVCTEASPERFDIVQTVGAVTADASAEVFNRLLA 105

OY 44 -----ALPHRSGVSERM 56  
Db 106 FRPGTEVIP---GLAERM 121

RESULT 17  
US-09-470-276-54  
Sequence 54, Application US/09470276

Patent No. 6670460  
GENERAL INFORMATION:  
APPLICANT: DANA-FABER CANCER INSTITUTE, INC.  
APPLICANT: KOLODNER, Richard  
APPLICANT: MINARD, Nena  
TITLE OF INVENTION: A METHOD OF DETECTION OF ALTERATIONS IN MSHS  
FILE REFERENCE: 700157/47483C  
CURRENT APPLICATION NUMBER: US/09/470,276  
CURRENT FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: 60/051,686  
PRIOR FILING DATE: 1997-07-03  
PRIOR APPLICATION NUMBER: PCT/US98/13850  
PRIOR FILING DATE: 1998-07-02  
NUMBER OF SEQ ID NOS: 104  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 54  
LENGTH: 833  
TYPE: PRT  
ORGANISM: Human  
US-09-470-276-54

Query Match  
Best Local Similarity 13.8%; Score 62; DB 4; Length 833;  
Matches 30; Conservativity 12; Mismatches 37; Indels 30; Gaps 5;

OY 3 VSQHC-----AALGLAALICGGAASQPDLDIASRLIQALAAAL-----PFR 49  
Db 489 LGDIHCERDQETLIMQLOCCVARRASVLTVDLDSRLVLLAASARDVYSRPHY 548  
OY 50 S-----GVSEK-----WRTFYPN---CPCLMRPRKVKGPOLKAK 81  
Db 549 SPCIHGVAIRNGRHPHLMELCARTFVPSNDCGCGQGRVKVITGNSSGK 597

RESULT 18

US-09-252-991A-29541  
Sequence 29541, Application US/09252991A  
Patent No. 6551795  
GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
CURRENT FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 29541  
LENGTH: 416  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-29541

Query Match  
Best Local Similarity 13.7%; Score 61.5; DB 4; Length 416;  
Matches 28; Conservativity 31.1%; Pred. No. 14; Mismatches 34; Indels 23; Gaps 4;

OY 15 LALATCSQ-----GAASQPDLDIASRL-----LORALAAALPH-----RSGVSEK 55  
Db 323 ISRACCSRRMPAGVSTRLSRSLRSLSPSSALTRLLAAGRKARARAWATLGDPSAI 382

OY 56 W-----RTFYPNCPCLMRPRKVKGPOLKAK 81  
Db 383 WNRRRSARSKCMGTWRSANPNADLRNCK 412

RESULT 19  
US-09-252-991A-24150  
Sequence 24150, Application US/09252991A  
Patent No. 6551795  
GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
CURRENT FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 24150  
LENGTH: 421  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-24150

Query Match  
Best Local Similarity 13.7%; Score 61.5; DB 4; Length 421;  
Matches 25; Conservativity 34.2%; Pred. No. 14; Mismatches 27; Indels 13; Gaps 4;

OY 11 AALGLAALICGGAASQPDLDIASRLIQALAAALPHRSGVSEKRWRTFYPNCPCLMR-R 69  
Db 37 AMGLPLD--RREGPPMPALPLSRALAAALVLPALP--ALAEWM-----PDTWPR 84  
OY 70 PRKVGPOPKAKE 82  
Db 85 AQQPAGPALFAPE 97

RESULT 20

US-09-252-991A-16984  
Sequence 16984, Application US/09252991A  
Patent No. 6551795  
GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
CURRENT FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 16984  
LENGTH: 551  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-16984

Query Match  
Best Local Similarity 13.7%; Score 61.5; DB 4; Length 551;  
Matches 24; Conservativity 27.6%; Pred. No. 20; Mismatches 38; Indels 17; Gaps 2;

OY 5 QTHCALALGLAALICGGAASQPDLDIASRLIQALAAALPHRSGV----- 52  
Db 447 RFLALVADLVLLRGAAGLAAOHLAVLAPRLRLRRAPARGGTGAARAVADAPQAGAR 506  
OY 53 ---SERMTF--YNPCCLMRPRKVK 74  
Db 507 RRRSRRLRLSNVPRSTCAWSPPTIR 533

## RESULT 21

US-09-252-991A-27368  
; Sequence 27368, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 27368  
; LENGTH: 154  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-27368

Query Match 13.6%; Score 61; DB 4; Length 154;  
Best Local Similarity 32.4%; Pred. No. 4.5;  
Matches 24; Conservative 13; Mismatches 29; Indels 8; Gaps 2;

Qy 10 LALLGLALICGGAASQDL---DLASRLLOALAAALPHRSGVSEKRTTFYPCPC 65

Db 25 LEPIGRSAYCSTGRSEALIASPSNIATIASLSASASFTSRSMVWIRIFPKS--- 81

Qy 66 LWRPRKXKGPOLK 79  
Db 82 -RNSPOLAKENLX 94

## RESULT 22

US-09-252-991A-26860  
; Sequence 26860, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 26860  
; LENGTH: 279  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-26860

Query Match 13.6%; Score 61; DB 4; Length 279;  
Best Local Similarity 34.2%; Pred. No. 9.6;  
Matches 25; Conservative 4; Mismatches 26; Indels 18; Gaps 3;

Qy 23 GANSQDLDLASRL-----ORALAA-----LPHRSGVSEKRTTFYPCPC-- 66

Db 45 GAPPQGGDRPRRLPRPGGTGORAAGAVVROGRRLLPAAQVPRQGRALNRCPLAV 104

Qy 67 --RWRPRKXKGPQ 77  
Db 105 ADHYLPRLARHPQ 117

## RESULT 23

US-09-252-991A-22293  
; Sequence 22293, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 22293  
; LENGTH: 296  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-22293

Query Match 13.6%; Score 61; DB 4; Length 296;  
Best Local Similarity 36.5%; Pred. No. 10;  
Matches 19; Conservative 11; Mismatches 16; Indels 6; Gaps 2;

Qy 8 CATALGLALICGGA---ASQPDLDASRR--LLORALAAALPHRSGVS 53

Db 68 CAVSLGLGWLPLASGAVPDGGRPLRLVAHFDPQSLASALVYSGVT 119

RESULT 24  
US-09-252-991A-19708  
; Sequence 19708, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 19708  
; LENGTH: 120  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-19708

Query Match 13.4%; Score 60.5; DB 4; Length 120;  
Best Local Similarity 29.3%; Pred. No. 3.8;  
Matches 17; Conservative 5; Mismatches 27; Indels 9; Gaps 1;

Qy 17 LAICGGAASQPDLDASRLLOALAAALPHRSGVSEKRTTFYPCCLRRPKYK 74

Db 17 LRSCSTGWL-----RBAKTRATRKKSCGSRWPSPGTPPPCKWPRRYR 65

RESULT 25  
US-08-311-731A-60  
; Sequence 60, Application US/08311731A  
; Patent No. 6583266  
; GENERAL INFORMATION:  
; APPLICANT: SMITH, DOUGLAS  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES  
; TITLE OF INVENTION: RELATING TO MYCOBACTERIUM TUBERCULOSIS AND LAPRAE FOR  
; NUMBER OF SEQUENCES: 411  
; CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
; STREET: 600 ATLANTIC AVENUE
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,731A
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: GATES, EDWARD R.
; REGISTRATION NUMBER: 31,616
; REFERENCE/DOCKET NUMBER: C0044/7125
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/720-3500
; TELEFAX: 617/720-2441
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 234 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: MYCOBACTERIUM LEPRAE
;
US-08-311-731A-60
;
Query Match 13.3%; Score 60.5; DB 4; Length 234;
Best Local Similarity 29.1%; Pred. No. 8.9;
Matches 16; Conservative 11; Mismatches 17; Gaps 3;

QY 20 CSOGAASOPDLASRLQALALPHRSQVS--ERRRTFYPNCPCLMRPK 72
DB 189 CTRSCSNMP-----NLVRLSLASGPMGAVVAALQRM-----VMMFPR 228

RESULT 26
US-09-198-452A-925
; Sequence 925, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 925
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Chlamydia pneumoniae
;
US-09-198-452A-925
;
Query Match 13.3%; Score 60; DB 4; Length 433;
Best Local Similarity 41.5%; Pred. No. 23;
Matches 17; Conservative 7; Mismatches 15; Indels 2; Gaps 2;

QY 19 ICSOG-AASOPDLASRLQALALPHRSQVSERRRT 58
DB 332 LTRSGKALASPPIDILS-SLSRSAQALALPHVAALRLRS 371

RESULT 27
US-09-252-991A-32732
; Sequence 32732, Application US/09252991A
```

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; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 32732
; LENGTH: 521
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
;
US-09-252-991A-32732
;
Query Match 13.3%; Score 60; DB 4; Length 521;
Best Local Similarity 29.3%; Pred. No. 29;
Matches 24; Conservative 9; Mismatches 33; Indels 16; Gaps 2;

QY 1 MRVSGIHCALALGALALICSQGAASQ-----PDLASRLQALALPHRSQVS- 54
DB 188 LVRERELGKRLPTCLALERWLPQWVIGYRLACDRRLVRLIRADHOSPLQQ 247

QY 55 -----RMRTFYPNCPCL 66
DB 248 QQLDAQPLARWLQPANCTL 269

RESULT 28
US-09-252-991A-18427
; Sequence 18427, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 18427
; LENGTH: 748
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
;
US-09-252-991A-18427
;
Query Match 13.3%; Score 60; DB 4; Length 748;
Best Local Similarity 32.5%; Pred. No. 45;
Matches 25; Conservative 7; Mismatches 19; Indels 26; Gaps 4;

QY 25 ASOPDLASRLQALALPHRSQVSERRRTFYPNCPCLMRPK 70
DB 290 AABRRLDRPRLAPGQORGAALAGRRSGIHPRL-----WRPADRLRIHPAG 340

QY 71 -RYKGPQLKAKEDLER 86
DB 341 RQV--PQAPARELOR 355

RESULT 29
US-09-252-991A-19869
; Sequence 19869, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
```

```

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO: 19869
; LENGTH: 760
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
; US-09-252-991A-19869

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Query Match 13.3%; Score 60; DB 4; Length 760;
Best Local Similarity 31.6%; Pred. No. 46;
Matches 24; Conservative 8; Mismatches 24; Indels 20; Gaps 4;

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Qy 25 ASQPDLDASRLLOPRLAALPHRSVSEW---RTFYPNCPCLR-----W-- 68
Db 309 ASQPDLDASRLLOPRLAALPHRSVSEW---RTFYPNCPCLR-----W-- 68
Qy 69 ---RPRKXVGPQLKAK 81
Db 368 SPARPRQLAGQAVAR 383

```

```

RESULT 30
US-09-252-991A-31739
; Sequence 31739, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO: 31739
; LENGTH: 308
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
; US-09-252-991A-31739

```

```

Query Match 13.2%; Score 59.5; DB 4; Length 308;
Best Local Similarity 44.2%; Pred. No. 17;
Matches 23; Conservative 5; Mismatches 15; Indels 9; Gaps 4;

```

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Qy 1 MRSVQHCLALALGALALCSQGA--SQPDLDLA--SRLLORALAAALPHR 49
Db 5 MRSVQHCLALALGALALCSQGA--SQPDLDLA--SRLLORALAAALPHR 50

```

```

RESULT 31
US-08-276-967-2
; Sequence 2, Application US/08276967
; Patent No. 5851817
; GENERAL INFORMATION:
; APPLICANT: Hardy, Daniel M.
; APPLICANT: Gargers, David L.
; TITLE OF INVENTION: Species-Specific Egg-Binding Proteins of
; TITLE OF INVENTION: Sperm
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P. O. Box 4433

```

```

; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,967
; FILING DATE: Submitted Herewith
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kitchell, Barbara S.
; REGISTRATION NUMBER: 33,928
; REFERENCE/DOCKET NUMBER: UTSD:418\KIT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713-787-1400
; TELEFAX: 713-789-2679
; TELEX: 79-0824
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2476 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-276-967-2

```

```

Query Match 13.2%; Score 59.5; DB 2; Length 2476;
Best Local Similarity 26.2%; Pred. No. 2,4e+02;
Matches 17; Conservative 7; Mismatches 24; Indels 17; Gaps 3;

```

```

Qy 20 CSQGAASQPDLDASRLLOPRLAALPHRSVSEWRTFYPNCPCLR-----P 64
Db 1100 CSQGAASQPDLDASRLLOPRLAALPHRSVSEWRTFYPNCPCLR-----P 64
Qy 65 CLRW 69
Db 1158 CLRW 1162

```

```

RESULT 32
US-09-252-991A-17041
; Sequence 17041, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO: 17041
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
; US-09-252-991A-17041

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Query Match 13.1%; Score 59; DB 4; Length 211;
Best Local Similarity 30.0%; Pred. No. 12;
Matches 21; Conservative 7; Mismatches 20; Indels 22; Gaps 4;

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Qy 3 VSGHCLALALGALALCSQGAASQPDLDASRLLOPRLAALPHRSVSEWRTFYP 61
Db 27 VSGHCLALALGALALCSQGAASQPDLDASRLLOPRLAALPHRSVSEWRTFYP 66

```

QY 62 NCPCLRRPR 71  
Db 67 T-PAMSWRNR 75

RESULT 33  
US-09-489-039A-11078  
; Sequence 11078, Application US/09489039A  
; Patent No. 6610836  
; GENERAL INFORMATION:  
; APPLICANT: Gary Breton et. al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
; FILE REFERENCE: 2709.2004001  
; CURRENT APPLICATION NUMBER: US/09/489,039A  
; PRIOR FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: US 60/117,747  
; NUMBER OF SEQ ID NOS: 14342  
; SEQ ID NO 11078  
; LENGTH: 268  
; TYPE: PRF  
; ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-11078

Query Match 13.1%; Score 59; DB 4; Length 268;  
Best Local Similarity 34.4%; Pred. No. 16;  
Matches 21; Conservative 3; Mismatches 15; Indels 22; Gaps 4;

QY 27 QPDLIA-SRRLGRAL-----AALPHRSGVSEWRTEFVNC-----PCLRW 68  
Db 130 RPELGAALRLQLRLQRDDLPVVDALVGVPLMHR---RRMRGTNQCDELCPRLRW 185

QY 69 R 69  
Db 186 R 186

RESULT 34  
US-09-252-991A-20584  
; Sequence 20584, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 20584  
; LENGTH: 358  
; TYPE: PRF  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-20584

Query Match 13.1%; Score 59; DB 4; Length 358;  
Best Local Similarity 28.6%; Pred. No. 24;  
Matches 22; Conservative 15; Mismatches 20; Indels 20; Gaps 4;

QY 4 SQHICALALIGLAL---AICSGAASQPDLDLASRRLQRLAALPHRSGVSEWRTEFV 60  
Db 240 SPLKCSAAMSVASVWALASEASASRP-----TAQPLATPRNVAPPSKQARTTH 291

QY 61 PNCPC-----LRMRPRK 72  
Db 292 ----CIGRIQLRRRPRK 304

RESULT 35  
US-09-773-426A-10  
; Sequence 10, Application US/09773426A  
; Patent No. 6534302  
; GENERAL INFORMATION:  
; APPLICANT: Guickeman, Maria Alexandra  
; APPLICANT: Williamson, Mark  
; APPLICANT: Tsai, Fong-Ying  
; APPLICANT: Rudolph-Owen, Laura A.

; TITLE OF INVENTION: 22438, 23553, 25278, and 26212 No. 6534302el  
; FILE REFERENCE: 35800/20839815800-79  
; CURRENT APPLICATION NUMBER: US/09/773,426A  
; PRIOR FILING DATE: 2001-01-31  
; PRIOR APPLICATION NUMBER: US 09/495,823  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: FaetsEQ for Windows Version 4.0  
; SEQ ID NO 10  
; LENGTH: 520  
; TYPE: PRF  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Pfam consensus sequence for human sulfatase  
US-09-773-426A-10

Query Match 13.1%; Score 59; DB 4; Length 520;  
Best Local Similarity 28.7%; Pred. No. 38;  
Matches 25; Conservative 8; Mismatches 38; Indels 16; Gaps 2;

QY 3 VSQHICALALIGLALAIICSGAASQPDLDLASRRLQRLAALP-----HRSGVS 53  
Db 388 VSHVDLAPTLIDLAAPLPKVANGAKRPLDGVSLPILLGGAAPSRAHETLFTYNGK 447

QY 54 ERMRTFVNCPCLRMRPRKVKGPOLKA 80  
Db 448 RKLK-----AVRWPRKSGKTPKKA 467

RESULT 36  
US-09-252-991A-30362  
; Sequence 30362, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 30362  
; LENGTH: 138  
; TYPE: PRF  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-30362

Query Match 13.0%; Score 58.5; DB 4; Length 138;  
Best Local Similarity 27.4%; Pred. No. 8.2;  
Matches 23; Conservative 10; Mismatches 34; Indels 17; Gaps 5;

QY 4 SQHICALALIGLALAIICSGAASQPDLDLASRRLQRLAALPRLR--SGV 52  
Db 4 SSARCACRTVSISSAMPKCCASPPMACSPRANCAWRBRPATITRAITSAFGTCSST 63

QY 53 SERMRT-----FVNCPCLRMRP 70  
Db 64 GRWKTCKRSPSPWPCRCRTRRP 87

RESULT 37  
US-09-252-991A-26199  
; Sequence 26199, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 26199  
; LENGTH: 153  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-26199

Query Match 13.0%; Score 58.5; DB 4; Length 153;  
Best Local Similarity 33.3%; Pred. No. 9.4; Indels 15; Gaps 3;  
Matches 21; Conservative 3; Mismatches 24

QY 20 CSQASQPDLDIASRLLQALAAALPHRSQVSEKRTFYDNC-----PCLMRPKV 73  
DB 57 CMCASRP-----ACMPATRCSSASAPVSPNCR-----PNCSCRRPSPSRWPPAS 107  
QY 74 KGP 76  
DB 108 AGP 110

RESULT 38  
US-09-252-991A-26405  
; Sequence 26405, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 26405  
; LENGTH: 214  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-26405

Query Match 13.0%; Score 58.5; DB 4; Length 214;  
Best Local Similarity 32.5%; Pred. No. 14; Indels 13; Gaps 1;  
Matches 13; Conservative 3; Mismatches 11

QY 45 ALPHRSQVSEKRTFYDNC-----PCLMRPKV 71  
DB 108 ALPRTAGARRWASGYPAPALPPASDSRGAPLRRRAPR 147

RESULT 39  
US-09-325-256-24  
; Sequence 24, Application US/09325256  
; Patent No. 6444793  
; GENERAL INFORMATION:  
; APPLICANT: PERINSKY, R. BLAKE

APPLICANT: BAKER, DARREN P.  
APPLICANT: MEN, DINGXI  
APPLICANT: WILLIAMS, KEVIN P.  
APPLICANT: GARGER, ELLEN A. P.  
APPLICANT: TAYLOR, FREDERICK R.  
APPLICANT: GALDES, ALPHONSE  
APPLICANT: PORTER, JEFFREY  
TITLE OF INVENTION: HYDROPHOBICALLY-MODIFIED PROTEIN COMPOSITIONS AND  
TITLE OF INVENTION: METHODS  
FILE REFERENCE: BIV-067.01  
CURRENT APPLICATION NUMBER: US/09/325,256  
CURRENT FILING DATE: 1999-06-03  
PRIOR APPLICATION NUMBER: 60/099,800  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/078,935  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/089,685  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/067,423  
PRIOR FILING DATE: 1997-12-03  
PRIOR APPLICATION NUMBER: PCT/US98/25676  
PRIOR FILING DATE: 1998-12-03  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 24  
LENGTH: 396  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-325-256-24

Query Match 13.0%; Score 58.5; DB 4; Length 396;  
Best Local Similarity 30.0%; Pred. No. 31; Indels 15; Gaps 2;  
Matches 21; Conservative 6; Mismatches 28

QY 8 CATALGIALAICQGAASQPDLDIASRLL-----QALAAALPHRSQV--- 52  
DB 11 CCLALALPAQSCGPGVGRRRYARKQLVPLLYQFVGVERTLGASGPAEGRVAG 70  
QY 53 SERRTFYDNC 62  
DB 71 SERFRDLPVN 80

RESULT 40  
US-09-704-917-17  
; Sequence 17, Application US/09704917  
; Patent No. 661826  
; GENERAL INFORMATION:  
; APPLICANT: Biogen, Inc.  
; APPLICANT: Burkly, Linda  
; APPLICANT: Wang, Li Chun  
; TITLE OF INVENTION: METHODS OF MODULATING LIPID METABOLISM AND STORAGE  
; FILE REFERENCE: A069PCT  
; CURRENT APPLICATION NUMBER: US/09/704,917  
; CURRENT FILING DATE: 2000-11-02  
; PRIOR APPLICATION NUMBER: 60/122,640  
; PRIOR FILING DATE: 1999-03-03  
; PRIOR APPLICATION NUMBER: 60/124,446  
; PRIOR FILING DATE: 1999-03-15  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 17  
; LENGTH: 396  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-704-917-17

Query Match 13.0%; Score 58.5; DB 4; Length 396;  
Best Local Similarity 30.0%; Pred. No. 31; Indels 15; Gaps 2;  
Matches 21; Conservative 6; Mismatches 28  
QY 8 CATALGIALAICQGAASQPDLDIASRLL-----QALAAALPHRSQV--- 52



Fri May 7 08:47:51 2004

us-09-727-739b-17.txt

Page 13

Db	11	CCALALPAQSCGPGRGVARRRYARKQVLLYKQFVPGVPERTLGASGPAEGRVARG	70
QY	53	SEWRRTFYFN	62
		:	
Db	71	SEFRDLVFN	80

Search completed: May 6, 2004, 16:50:52  
Job time : 20.5622 secs

Fri May 7 08:47:51 2004

us-09-727-739b-17.rapb

Page 1

GenCore version 5.1.6  
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CM protein - protein search, using sw model

Run on: May 6, 2004, 16:47:47 ; Search time 50.9356 Seconds  
(without alignments)  
468.645 Million cell updates/sec

Title: US-09-727-739B-17  
Perfect score: 450  
Sequence: 1 MRVSQIHICALALIGLALALIC.....RMRPRKYGDPOLKAXEDLER 86

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1140673 seqs, 277566755 residues

Total number of hits satisfying chosen parameters: 1140673

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Databases :

Published Applications AA:\*  
1: /cgn2\_6/prodata/1/pubppa/US07\_PUBCOMB.pep:\*  
2: /cgn2\_6/prodata/1/pubppa/US06\_NEW\_PUB.pep:\*  
3: /cgn2\_6/prodata/1/pubppa/US06\_NEW\_PUB.pep:\*  
4: /cgn2\_6/prodata/1/pubppa/US06\_PUBCOMB.pep:\*  
5: /cgn2\_6/prodata/1/pubppa/US07\_PUB.pep:\*  
6: /cgn2\_6/prodata/1/pubppa/US07\_PUBCOMB.pep:\*  
7: /cgn2\_6/prodata/1/pubppa/US08\_NEW\_PUB.pep:\*  
8: /cgn2\_6/prodata/1/pubppa/US08\_PUBCOMB.pep:\*  
9: /cgn2\_6/prodata/1/pubppa/US09\_PUBCOMB.pep:\*  
10: /cgn2\_6/prodata/1/pubppa/US09\_PUBCOMB.pep:\*  
11: /cgn2\_6/prodata/1/pubppa/US09\_PUBCOMB.pep:\*  
12: /cgn2\_6/prodata/1/pubppa/US09\_NEW\_PUB.pep:\*  
13: /cgn2\_6/prodata/1/pubppa/US10\_PUBCOMB.pep:\*  
14: /cgn2\_6/prodata/1/pubppa/US10\_PUBCOMB.pep:\*  
15: /cgn2\_6/prodata/1/pubppa/US10\_PUBCOMB.pep:\*  
16: /cgn2\_6/prodata/1/pubppa/US10\_NEW\_PUB.pep:\*  
17: /cgn2\_6/prodata/1/pubppa/US60\_NEW\_PUB.pep:\*  
18: /cgn2\_6/prodata/1/pubppa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	450	100.0	86	12	US-09-727-739B-17
2	450	100.0	111	12	US-09-727-739B-15
3	353.5	78.6	87	12	US-09-727-739B-11
4	353.5	78.6	115	12	US-09-727-739B-9
5	122	27.1	25	12	US-09-727-739B-19
6	119	26.4	120	12	US-09-727-739B-38
7	110	24.4	25	12	US-09-727-739B-13
8	91.5	20.3	114	12	US-09-727-739B-43
9	85.5	19.0	88	12	US-09-727-739B-5
10	85.5	19.0	114	12	US-09-727-739B-3
11	83.5	18.6	116	12	US-09-727-739B-45
12	81.5	18.1	506	12	US-10-425-114-51054
13	80.5	17.9	114	12	US-09-727-739B-41
14	79.5	17.7	116	12	US-09-727-739B-48
15	79.5	17.7	116	12	US-09-727-739B-49

16	76.5	17.0	115	12	US-09-727-739B-44	Sequence 44, Appl
17	76	16.9	278	12	US-10-425-114-57204	Sequence 57204, A
18	76	16.9	432	12	US-10-425-114-59274	Sequence 59274, A
19	76	16.9	764	12	US-10-425-114-58924	Sequence 58924, A
20	73.5	16.3	624	12	US-10-282-122A-50512	Sequence 50512, A
21	72.5	16.1	246	12	US-10-425-114-44956	Sequence 44956, A
22	71.5	15.9	622	12	US-10-282-122A-49316	Sequence 49316, A
23	69.5	15.4	125	12	US-09-727-739B-37	Sequence 37, Appl
24	68.5	15.2	116	12	US-09-727-739B-47	Sequence 47, Appl
25	68	15.1	111	12	US-10-424-599-20351	Sequence 20351, A
26	67.5	15.0	95	9	US-09-864-761-41361	Sequence 41361, A
27	67	14.9	185	9	US-10-425-114-48958	Sequence 48958, A
28	66.5	14.8	252	12	US-10-425-114-61954	Sequence 61954, A
29	66.5	14.8	791	14	US-10-314-657-32	Sequence 32, Appl
30	65.5	14.6	116	12	US-09-727-739B-46	Sequence 46, Appl
31	65.5	14.6	513	9	US-09-831-745-63	Sequence 63, Appl
32	65.5	14.6	676	12	US-10-282-122A-51396	Sequence 51396, A
33	64	14.2	319	16	US-10-389-566-976	Sequence 976, App
34	64	14.2	397	12	US-10-424-599-259769	Sequence 259769, A
35	64	14.2	478	12	US-10-425-114-55345	Sequence 55345, A
36	63.5	14.1	326	12	US-10-425-114-64102	Sequence 64102, A
37	63.5	14.1	333	10	US-09-984-271-131	Sequence 131, App
38	63.5	14.1	333	12	US-09-984-276-131	Sequence 131, App
39	63	14.0	563	12	US-10-415-302-18	Sequence 3, Appl
40	63	14.0	563	12	US-10-415-302-18	Sequence 18, Appl
41	62.5	13.9	110	9	US-09-766-396-3	Sequence 3, Appl
42	62.5	13.9	110	9	US-10-062-375-3	Sequence 3, Appl
43	62.5	13.9	6842	16	US-10-461-194-131	Sequence 131, App
44	62	13.8	833	9	US-09-470-276-54	Sequence 54, Appl
45	61.5	13.7	266	14	US-10-156-761-11183	Sequence 11183, A

# ALIGNMENTS

RESULT 1  
US-09-727-739B-17  
Sequence 17, Application US/09727739B  
Publication No. US20010025097A1  
GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kitchison, Jeffrey  
TITLE OF INVENTION: Somatostatin and Methods  
FILE REFERENCE: 255.00040101  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US/09/727, 739B  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 17  
LENGTH: 86  
TYPE: PRT  
ORGANISM: Oncothychnus mykiss  
US-09-727-739B-17

Query Match 100.0%; Score 450; DB 12; Length 86;  
Best Local Similarity 100.0%; Pred. No. 1e-45;  
Matches 86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRVSQIHICALALIGLALALICSGAASQPDLDLSRRLLQALAAALPHRGSVSRWTFY 60  
DB 1 MRVSQIHICALALIGLALALICSGAASQPDLDLSRRLLQALAAALPHRGSVSRWTFY 60  
QY 61 PNCPLMRPRKYGDPOLKAXEDLER 86  
DB 61 PNCPLMRPRKYGDPOLKAXEDLER 86

RESULT 2  
US-09-727-739B-15  
Sequence 15, Application US/09727739B

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; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittelson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-15

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```

Query Match      100.0%; Score 450; DB 12; Length 111;
Best Local Similarity 100.0%; Pred. No. 1.4e-45;
Matches      86; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 MRYVSIHCHALALIGLALAI CSQGAASQPDLDASRRLLQRAALAAALPHRSGVSEKRTFY 60
DB      1 MRYVSIHCHALALIGLALAI CSQGAASQPDLDASRRLLQRAALAAALPHRSGVSEKRTFY 60
QY      61 PNCPCILMRPRRYKKGPGQLAKEDL 86
DB      61 PNCPCILMRPRRYKKGPGQLAKEDL 86

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RESULT 3
US-09-727-739B-11
; Sequence 11, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittelson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 87
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-11

```

```

Query Match      78.6%; Score 353.5; DB 12; Length 87;
Best Local Similarity 86.9%; Pred. No. 3.1e-34;
Matches      73; Conservative 2; Mismatches 6; Indels 3; Gaps 2;

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```

QY      1 MRYVSIHCHALALIGLALAI CSQGAASQPDLDASRRLLQRAALAAALPHRSGVSEKRTFY 60
DB      1 MRYVSIHCHALALIGLALAI CSQGAASQPDLDASRRLLQRAALAAALPHRSGVSEKRTFY 60
QY      61 PNCPCILMRPRRYKKGPGQLAKEDL 84
DB      61 PNCPCILMRPRRYKKGPGQLAKEDL 81

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RESULT 4
US-09-727-739B-9
; Sequence 9, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark

```

```

; APPLICANT: Kittelson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-9

```

```

Query Match      78.6%; Score 353.5; DB 12; Length 115;
Best Local Similarity 86.9%; Pred. No. 4.3e-34;
Matches      73; Conservative 2; Mismatches 6; Indels 3; Gaps 2;

```

```

QY      1 MRYVSIHCHALALIGLALAI CSQGAASQPDLDASRRLLQRAALAAALPHRSGVSEKRTFY 60
DB      1 MRYVSIHCHALALIGLALAI CSQGAASQPDLDASRRLLQRAALAAALPHRSGVSEKRTFY 60
QY      61 PNCPCILMRPRRYKKGPGQLAKEDL 84
DB      61 PNCPCILMRPRRYKKGPGQLAKEDL 81

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RESULT 5
US-09-727-739B-19
; Sequence 19, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittelson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 25
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-19

```

```

Query Match      27.1%; Score 122; DB 12; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.4e-07;
Matches      25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 MRYVSIHCHALALIGLALAI CSQGA 25
DB      1 MRYVSIHCHALALIGLALAI CSQGA 25

```

```

RESULT 6
US-09-727-739B-38
; Sequence 38, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittelson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934

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PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 38  
LENGTH: 120  
TYPE: PRT  
ORGANISM: Carasius auratus  
US-09-727-739B-38

Query Match 26.4%; Score 119; DB 12; Length 120;  
Best Local Similarity 57.8%; Pred. No. 3.4e-06;  
Matches 26; Conservative 6; Mismatches 11; Indels 2; Gaps 1;

QY 1 MRVSQHCALALIGLALAI CSQGAASQ-PDULASRLIQRALAA 43  
DB 1 MLSELCVYALALIGLALAI CSQGAASQLEPDLFRHRLIQRASA 45

RESULT 7  
US-09-727-739B-13  
Sequence 13, Application US/09727739B  
Publication No. US20010025097A1  
GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kittilson, Jeffrey  
TITLE OF INVENTION: Somatostatin and Methods  
FILE REFERENCE: 255.00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US 60/168,934  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 13  
LENGTH: 25  
TYPE: PRT  
ORGANISM: Oncorhynchus mykiss  
US-09-727-739B-13

Query Match 24.4%; Score 110; DB 12; Length 25;  
Best Local Similarity 88.0%; Pred. No. 6.5e-06;  
Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 MRVSQHCALALIGLALAI CSQGA 25  
DB 1 MKVCRIHICALALIGLALAI CSQGA 25

RESULT 8  
US-09-727-739B-43  
Sequence 43, Application US/09727739B  
Publication No. US20010025097A1  
GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kittilson, Jeffrey  
TITLE OF INVENTION: Somatostatin and Methods  
FILE REFERENCE: 255.00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US 60/168,934  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 43  
LENGTH: 114  
TYPE: PRT  
ORGANISM: Carasius auratus  
US-09-727-739B-43

Query Match 20.3%; Score 91.5; DB 12; Length 114;  
Best Local Similarity 54.8%; Pred. No. 0.006;

Matches 23; Conservative 5; Mismatches 11; Indels 3; Gaps 1;

QY 1 MRVSQHCALALIGLALAI CSQGAASQPDULASRLIQRAL 42  
DB 1 MLSTRVQCALALIGLALAI SVSAPS---PTAKRQLIQRSL 39

RESULT 9  
US-09-727-739B-5  
Sequence 5, Application US/09727739B  
Publication No. US20010025097A1  
GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kittilson, Jeffrey  
TITLE OF INVENTION: Somatostatin and Methods  
FILE REFERENCE: 255.00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US 60/168,934  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5  
LENGTH: 88  
TYPE: PRT  
ORGANISM: Oncorhynchus mykiss  
US-09-727-739B-5

Query Match 19.0%; Score 85.5; DB 12; Length 88;  
Best Local Similarity 52.3%; Pred. No. 0.023;  
Matches 23; Conservative 5; Mismatches 13; Indels 3; Gaps 1;

QY 1 MRVSQHCALALIGLALAI CSQGAASQPDULASRLIQRALAA 44  
DB 1 MLSTRVQCALALIGLALAI SVSAPS---DAKRLQLIQRSLMA 41

RESULT 10  
US-09-727-739B-3  
Sequence 3, Application US/09727739B  
Publication No. US20010025097A1  
GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kittilson, Jeffrey  
TITLE OF INVENTION: Somatostatin and Methods  
FILE REFERENCE: 255.00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US 60/168,934  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3  
LENGTH: 114  
TYPE: PRT  
ORGANISM: Oncorhynchus mykiss  
US-09-727-739B-3

Query Match 19.0%; Score 85.5; DB 12; Length 114;  
Best Local Similarity 52.3%; Pred. No. 0.031; Indels 3; Gaps 1;

QY 1 MRVSQHCALALIGLALAI CSQGAASQPDULASRLIQRALAA 44  
DB 1 MLSTRVQCALALIGLALAI SVSAPS---DAKRLQLIQRSLMA 41

RESULT 11  
US-09-727-739B-45  
Sequence 45, Application US/09727739B  
Publication No. US20010025097A1

GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kittilson, Jeffrey  
APPLICANT: Moore, Craig  
TITLE OF INVENTION: Somatostatin and Methods  
FILE REFERENCE: 255.00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US 60/168,934  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 45  
LENGTH: 116  
TYPE: PRT  
ORGANISM: Gallus gallus  
US-09-727-739B-45

Query Match 18.6%; Score 83.5; DB 12; Length 116;  
Best Local Similarity 37.3%; Pred. No. 0.055;  
Matches 31; Conservative 14; Mismatches 25; Indels 13; Gaps 5;

QY 5 QIHCALALGLALAI-ICSGAA-SQPDLDASRRLLORALAAALPHRSGVSEKRTFFPNC 63  
DB 5 RLCQCALALALSTIALAVGTSAAPSDPRL---RQFLQKSLAA---AGKQELAKYFLAE- 55

QY 64 PCLMRPRKVKGPQLKAKEDLER 86  
DB 56 --LLSEPSQTEMDALR-EDLSR 75

RESULT 12  
US-10-425-114-51054  
Sequence 51054, Application US/10425114  
Publication No. US20040034888A1  
GENERAL INFORMATION:  
APPLICANT: Liu, Jindong  
APPLICANT: Zhou, Yimua  
APPLICANT: Kovalic, David K.  
APPLICANT: Screen, Steven E.  
APPLICANT: Tabaka, Jack E.  
APPLICANT: Cao, Yongwei  
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With  
FILS REFERENCE: 38-21(5313)B  
CURRENT APPLICATION NUMBER: US/10/425,114  
CURRENT FILING DATE: 2003-04-28  
NUMBER OF SEQ ID NOS: 73128  
SEQ ID NO 51054  
LENGTH: 506  
TYPE: PRT  
ORGANISM: Zea mays  
FEATURE:  
OTHER INFORMATION: Clone ID: LIB143-003-B4\_FLI.pep  
US-10-425-114-51054

Query Match 18.1%; Score 81.5; DB 12; Length 506;  
Best Local Similarity 35.4%; Pred. No. 0.53; Indels 19; Gaps 6;  
Matches 34; Conservative 11; Mismatches 32; Indels 19; Gaps 6;

QY 4 SQIHCALALGLALAI-ICSGAASQPDLDASRRLLORALAAALPHRSG 51  
DB 55 NQPHRSALRLAKTGTGLVSLRIGSVTVVASSP---AAAREILQRDAAFSNRSVDPDAG 111

QY 52 VSEKRTFF-PNCPCLMRP-RKKGQQLKAKEDLE 85  
DB 112 AHAANSTWLPNAP--RMRALRKIMGTQLFAPHRLD 145

RESULT 13  
US-09-727-739B-41  
Sequence 41, Application US/09727739B  
Publication No. US20010025097A1

GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kittilson, Jeffrey  
APPLICANT: Moore, Craig  
TITLE OF INVENTION: Somatostatin and Methods  
FILE REFERENCE: 255.00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US 60/168,934  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 41  
LENGTH: 114  
TYPE: PRT  
ORGANISM: Ictalurus punctatus  
US-09-727-739B-41

Query Match 17.9%; Score 80.5; DB 12; Length 114;  
Best Local Similarity 46.7%; Pred. No. 0.12;  
Matches 21; Conservative 8; Mismatches 11; Indels 5; Gaps 2;

QY 1 MRVSIHCALALGLALAI-ICSGAASQPDLDASRRLLORALAA 44  
DB 1 MSTRICQCALALALVALSVCSGAPSDPRL---DAKLRQFLQKSLAA 41

RESULT 14  
US-09-727-739B-48  
Sequence 48, Application US/09727739B  
Publication No. US20010025097A1  
GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kittilson, Jeffrey  
APPLICANT: Moore, Craig  
TITLE OF INVENTION: Somatostatin and Methods  
FILE REFERENCE: 255.00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US 60/168,934  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 48  
LENGTH: 116  
TYPE: PRT  
ORGANISM: Macaca fascicularis  
US-09-727-739B-48

Query Match 17.7%; Score 79.5; DB 12; Length 116;  
Best Local Similarity 34.9%; Pred. No. 0.16;  
Matches 29; Conservative 13; Mismatches 28; Indels 13; Gaps 5;

QY 5 QIHCALALGLALAI-ICSGAASQPDLDASRRLLORALAAALPHRSGVSEKRTFFPNC 63  
DB 5 RLCQCALALALSTIALAVGTSAAPSDPRL---RQFLQKSLAA---AGKQELAKYFLAE- 55

QY 64 PCLMRPRKVKGPQLKAKEDLER 86  
DB 56 --LLSEPSQTEMDALR-EDLSQ 75

RESULT 15  
US-09-727-739B-49  
Sequence 49, Application US/09727739B  
Publication No. US20010025097A1  
GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kittilson, Jeffrey  
APPLICANT: Moore, Craig  
TITLE OF INVENTION: Somatostatin and Methods  
FILE REFERENCE: 255.00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B

```

; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 49
; LENGTH: 116
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-727-739B-49

Query Match
Best Local Similarity 34.9%; Score 79.5; DB 12; Length 116;
Matches 29; Conservative 13; Mismatches 28; Indels 13; Gaps 5;

OY 5 OIHGALILGLALAI-CSQGAASQPDLDIASRRLIGRALAALPHRSVSEWRRTFYPNC 63
DB 5 RLQCLALALSTVLALGCTGAPSDPRL---RQPLQSLAA---AGKQELAKYFLAE- 55

OY 64 PCLRWRPRKVPQPKAKEDLER 86
DB 56 --LISEPVGTEMDLAE-PEDLSQ 75

RESULT 16
US-09-727-739B-44
; Sequence 44, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittelson, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 44
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Rana ridibunda
US-09-727-739B-44

Query Match
Best Local Similarity 47.8%; Score 76.5; DB 12; Length 115;
Matches 22; Conservative 8; Mismatches 11; Indels 5; Gaps 2;

OY 1 MRVSGIHGALILGLALAI-CSQGAASQPDLDIASRRLIGRALAAL 45
DB 1 MOSCRVQCALTLISLALAINISAPTPRL---RQPLQSLAA 42

RESULT 17
US-10-425-114-57204
; Sequence 57204, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 57204
```

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; LENGTH: 278
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: UC-ZMFLB73162F09_F1I.pep
US-10-425-114-57204

Query Match
Best Local Similarity 16.9%; Score 76; DB 12; Length 278;
Matches 21; Conservative 14; Mismatches 32; Indels 8; Gaps 2;

OY 14 GLALAI-CSQGAASQPDLDIASRRL---LQRLAALPHRSVSEWRRTFYPNCPLKRRP 70
DB 18 GVNILAAWGAASPDLDLIDSRVRVENITSGTSMSCPHVSGIALLRQHP-----EWSF 72

OY 71 RYKVGPOLKAKEDLE 85
DB 73 AAIKSALMTTAYNLD 87

RESULT 18
US-10-425-114-59274
; Sequence 59274, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 59274
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Zea mays subsp. mexicana
; FEATURE:
; OTHER INFORMATION: Clone ID: UC-ZMFLTBSINTB007B08_F1I.pep
US-10-425-114-59274

Query Match
Best Local Similarity 16.9%; Score 76; DB 12; Length 432;
Matches 21; Conservative 14; Mismatches 32; Indels 8; Gaps 2;

OY 14 GLALAI-CSQGAASQPDLDIASRRL---LQRLAALPHRSVSEWRRTFYPNCPLKRRP 70
DB 172 GVNILAAWGAASPDLDLIDSRVRVENITSGTSMSCPHVSGIALLRQHP-----EWSF 226

OY 71 RYKVGPOLKAKEDLE 85
DB 227 AAIKSALMTTAYNLD 241

RESULT 19
US-10-425-114-58924
; Sequence 58924, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
```

;; CURRENT FILING DATE: 2003-04-28  
;; NUMBER OF SEQ ID NOS: 73128  
;; SEQ ID NO 58924  
;; LENGTH: 764  
;; TYPE: PRT  
;; ORGANISM: Zea mays  
;; FEATURE:  
;; OTHER INFORMATION: Clone ID: 700350643\_FLI.pep  
US-10-425-114-58924

Query Match 16.9%; Score 76; DB 12; Length 764;  
Best Local Similarity 33.9%; Pred. No. 3.9;  
Matches 20; Conservative 12; Mismatches 25; Indels 2; Gaps 2;

QY 6 HCAALALGLALALICSGGAASQPDLDASRLLOALALALPHRSVSEKMT-FYPNG 63  
DB 159 VHCIALATIAACLSKSGSS-ASIVLTSSQKQKRSRLVLAHLSSVDVTYKSCLOPHC 216

RESULT 20  
US-10-282-122A-50512  
; Sequence 50512, Application US/10282122A  
; Publication No. US20040029129A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, Liangsu  
; APPLICANT: Zamudio, Carlos  
; APPLICANT: Malone, Cheryl  
; APPLICANT: Haselbeck, Robert  
; APPLICANT: Ohlsen, Karl  
; APPLICANT: Zyskind, Judith  
; APPLICANT: Wall, Daniel  
; APPLICANT: Trawick, John  
; APPLICANT: Carr, Grant  
; APPLICANT: Yamamoto, Robert  
; APPLICANT: Forsyth, R.  
; APPLICANT: Xu, H.  
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms  
; FILE REFERENCE: ELITRA.034A  
; CURRENT APPLICATION NUMBER: US/10/282,122A  
; CURRENT FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: 60/191,078  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: 60/206,848  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 60/207,727  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: 60/230,335  
; PRIOR FILING DATE: 2000-09-06  
; PRIOR APPLICATION NUMBER: 60/230,347  
; PRIOR FILING DATE: 2000-09-09  
; PRIOR APPLICATION NUMBER: 60/242,578  
; PRIOR FILING DATE: 2000-10-23  
; PRIOR APPLICATION NUMBER: 60/253,625  
; PRIOR FILING DATE: 2000-11-27  
; PRIOR APPLICATION NUMBER: 60/257,931  
; PRIOR FILING DATE: 2000-12-22  
; PRIOR APPLICATION NUMBER: 60/267,536  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/269,308  
; PRIOR FILING DATE: 2001-02-16  
; Remaining Prior Application data removed - See file wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 76614  
; SOFTWARE: Patent version 3.1  
; SEQ ID NO 50512  
; LENGTH: 624  
; TYPE: PRT  
; ORGANISM: Burkholderia mallei  
US-10-282-122A-50512

Query Match 16.3%; Score 73.5; DB 12; Length 624;  
Best Local Similarity 36.8%; Pred. No. 6;  
Matches 21; Conservative 3; Mismatches 16; Indels 17; Gaps 1;

QY 9 ALALLGLALALICSGGAASQPDLDASRLLOALALALPHRSVSEKMT-FYPNG 48  
DB 282 ALAQGFPMNAVATLCTACTPPIHVQKLLRQDTVFSFDDAGARRARALERCLPH 338

RESULT 21  
US-10-425-114-44956  
; Sequence 44956, Application US/10425114  
; Publication No. US20040034888A1  
; GENERAL INFORMATION:  
; APPLICANT: Liu, Jingdong  
; APPLICANT: Zhou, Yihua  
; APPLICANT: Kovacic, David K.  
; APPLICANT: Screen, Steven E  
; APPLICANT: Tabaska, Jack E  
; APPLICANT: Cao, Yongwei  
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with  
; FILE REFERENCE: 38-21(53313)B  
; CURRENT APPLICATION NUMBER: US/10/425,114  
; CURRENT FILING DATE: 2003-04-28  
; NUMBER OF SEQ ID NOS: 73128  
; SEQ ID NO 44956  
; LENGTH: 246  
; TYPE: PRT  
; ORGANISM: Zea mays  
; FEATURE:  
; OTHER INFORMATION: Clone ID: 700446989\_FLI.pep  
US-10-425-114-44956

Query Match 16.1%; Score 72.5; DB 12; Length 246;  
Best Local Similarity 32.8%; Pred. No. 2.7;  
Matches 22; Conservative 7; Mismatches 31; Indels 7; Gaps 2;

QY 8 CATALGL-----ALATCSGAASQPDLDASRLLOALALALPHRSVSEKMT-FYPN 62  
DB 180 CPLASLVLMWCSTALICSSRSARRGFOLDGALC--SALAIVPSFSSSSFLASCR 237  
QY 63 CPCLRMR 69  
DB 238 CPCFPMR 244

RESULT 22  
US-10-282-122A-49316  
; Sequence 49316, Application US/10282122A  
; Publication No. US20040029129A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, Liangsu  
; APPLICANT: Zamudio, Carlos  
; APPLICANT: Malone, Cheryl  
; APPLICANT: Haselbeck, Robert  
; APPLICANT: Ohlsen, Karl  
; APPLICANT: Zyskind, Judith  
; APPLICANT: Wall, Daniel  
; APPLICANT: Trawick, John  
; APPLICANT: Carr, Grant  
; APPLICANT: Yamamoto, Robert  
; APPLICANT: Forsyth, R.  
; APPLICANT: Xu, H.  
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms  
; FILE REFERENCE: ELITRA.034A  
; CURRENT APPLICATION NUMBER: US/10/282,122A  
; CURRENT FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: 60/191,078  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: 60/206,848  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 60/207,727  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: 60/230,335  
; PRIOR FILING DATE: 2000-09-06  
; PRIOR APPLICATION NUMBER: 60/230,347

PRIOR FILING DATE: 2000-09-09  
PRIOR APPLICATION NUMBER: 60/242,578  
PRIOR FILING DATE: 2000-10-23  
PRIOR APPLICATION NUMBER: 60/253,625  
PRIOR FILING DATE: 2000-11-27  
PRIOR APPLICATION NUMBER: 60/257,931  
PRIOR FILING DATE: 2000-12-22  
PRIOR APPLICATION NUMBER: 60/267,636  
PRIOR FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: 60/269,308  
PRIOR FILING DATE: 2001-02-16  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 78614  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 49316  
LENGTH: 622  
TYPE: PRT  
ORGANISM: Burkholderia fungorum  
US-10-282-122A-49316

Query Match 15.9%; Score 71.5; DB 12; Length 622;  
Best Local Similarity 36.8%; Pred. No. 10;  
Matches 21; Conservative 3; Mismatches 16; Indels 17; Gaps 1;

QY 9 ALALIGLALICSGAASQ-----DDDLASRLQRLALPH 48  
DB 280 ALAQLGQNVAVTIGTACTPIHVQKMRQTDVIFSPDGSAGRRAARALDCLPH 336

RESULT 23  
US-09-727-739B-37  
Sequence 37, Application US/09727739B  
Publication No. US20010025097A1  
GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kittleison, Jeffrey  
APPLICANT: Moore, Craig  
TITLE OF INVENTION: Somatostatin and Methods  
FILE REFERENCE: 255,00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US 60/168,934  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 37  
LENGTH: 125  
TYPE: PRT  
ORGANISM: Lophius americanus  
US-09-727-739B-37

Query Match 15.4%; Score 69.5; DB 12; Length 125;  
Best Local Similarity 36.1%; Pred. No. 2.8;  
Matches 22; Conservative 7; Mismatches 17; Indels 15; Gaps 3;

QY 6 IHCALALIGLALICSGAASQ-----PDDLASRR--LQRLAALPHRSVSR 55  
DB 4 IRCALIALALVLCGSVSSQDREQSDNDDLELRCHMLERASAGL-----LSQE 58

QY 56 W 56  
DB 59 W 59

RESULT 24  
US-09-727-739B-47  
Sequence 47, Application US/09727739B  
Publication No. US20010025097A1  
GENERAL INFORMATION:  
APPLICANT: Sheridan, Mark  
APPLICANT: Kittleison, Jeffrey  
APPLICANT: Moore, Craig  
TITLE OF INVENTION: Somatostatin and Methods

FILE REFERENCE: 255,00040101  
CURRENT APPLICATION NUMBER: US/09/727,739B  
CURRENT FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: US 60/168,934  
PRIOR FILING DATE: 1999-12-03  
NUMBER OF SEQ ID NOS: 52  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 47  
LENGTH: 116  
TYPE: PRT  
ORGANISM: Bos taurus  
US-09-727-739B-47

Query Match 15.2%; Score 68.5; DB 12; Length 116;  
Best Local Similarity 45.2%; Pred. No. 3.3;  
Matches 19; Conservative 7; Mismatches 11; Indels 5; Gaps 2;

QY 5 QHCALALIGLALICSGAASQDDDLASRLQRLALPH 45  
DB 5 RLQCALALSTVIALGVYTGAPSDPRL---RQFLQSLA 42

RESULT 25  
US-10-424-599-203551  
Sequence 203551, Application US/10424599  
Publication No. US20040031072A1  
GENERAL INFORMATION:  
APPLICANT: La Rosa, Thomas J  
APPLICANT: Kovalic, David K  
APPLICANT: Zhou, Yihua  
APPLICANT: Cao, Yongwei  
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With  
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement  
FILE REFERENCE: 38-21(53223)B  
CURRENT APPLICATION NUMBER: US/10/424,599  
CURRENT FILING DATE: 2003-04-28  
NUMBER OF SEQ ID NOS: 285684  
SEQ ID NO 203551  
LENGTH: 111  
TYPE: PRT  
ORGANISM: Glycine max  
FEATURE:  
OTHER INFORMATION: Clone ID: PAT\_MRT3847\_25832C.1-pep  
US-10-424-599-203551

Query Match 15.1%; Score 68; DB 12; Length 111;  
Best Local Similarity 47.2%; Pred. No. 3.6;  
Matches 17; Conservative 3; Mismatches 16; Indels 0; Gaps 0;

QY 7 HCALALIGLALICSGAASQDDDLASRLQRLALPH 42  
DB 6 HKATLVGLVGLDAISTGAAGSKSLDYKGRILINDL 41

RESULT 26  
US-09-864-761-41361  
Sequence 41361, Application US/09864761  
Patent No. US20020048763A1  
GENERAL INFORMATION:  
APPLICANT: Penn, Sharon G.  
APPLICANT: Rank, David R.  
APPLICANT: Hanzel, David K.  
APPLICANT: Chen, Wensheng  
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
FILE REFERENCE: Aecmca-X-1  
CURRENT APPLICATION NUMBER: US/09/864,761  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 09/632,366



```

; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 41361
; LENGTH: 95
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL121914.16
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.5
; OTHER INFORMATION: EXPRESSED IN PLACENT, SIGNAL = 2.8
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.4
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.7
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.8
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.5
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.9
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.5
; US-09-864-761-41361

```

```

Query Match 15.0%; Score 67.5; DB 9; Length 95;
Best Local Similarity 27.7%; Pred. No. 3.5;
Matches 22; Conservative 11; Mismatches 20; Indels 29; Gaps 4;
QY 10 LALLGLALAI-----CSGGAASQPDLDLASRLLQBALAALPHRSVGE 54
DB 2 LALLVLSRVRLRGVPAYLNTAGSTLGRSSKPSAHFTA-----ASAAASPRRSLSLA 55
QY 55 RW-----RTFYNPCLRMRPRK 72
DB 56 SMSWMDRSWWTIRC--AMRPRR 75

```

```

RESULT 27
US-10-425-114-48958
; Sequence 48958, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei

```

```

; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 48958
; LENGTH: 185
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3689-240-A2_F11.pep
; US-10-425-114-48958

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```

Query Match 14.9%; Score 67; DB 12; Length 185;
Best Local Similarity 37.9%; Pred. No. 8.7;
Matches 22; Conservative 6; Mismatches 22; Indels 8; Gaps 3;

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```

QY 33 ASRRLQALAAALPHR-SCVSEWRRTFYNPCLRMRPRKVGK---QIKAKEDLR 86
DB 70 AQRLVQRLTLPARDHRVVGALFAHRAICPR---RRKPMIRPVAVEYKKEGKR 123
; US-10-425-114-61954
; Sequence 61954, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 61954
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: UC-ZMFLB73407G03_F11.pep
; US-10-425-114-61954

```

```

Query Match 14.8%; Score 66.5; DB 12; Length 252;
Best Local Similarity 37.3%; Pred. No. 14;
Matches 22; Conservative 3; Mismatches 25; Indels 9; Gaps 4;

```

```

QY 16 ALAICS-OGAASQPDLDLASR--LQBALAALPHRSVSEWRRTFYNPCLRMRPR 71
DB 22 AVPCPSILGCPADPADYSSSRPLCLARIVPLPGFPYARARW-----CPCSAW-PR 74

```

```

RESULT 29
US-10-314-657-32
; Sequence 32, Application US/10314657
; Publication No. US20030175888A1
; GENERAL INFORMATION:
; APPLICANT: SHEN, Ben
; APPLICANT: CHENG, Yi-Qiang
; APPLICANT: TANG, Gong-Li
; TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide
; FILE REFERENCE: 054030-0021
; CURRENT APPLICATION NUMBER: US/10/314,657
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: PCT/US02/08937
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: US 60/278,935

```

; PRIOR FILING DATE: 2001-03-26  
 ; NUMBER OF SEQ ID NOS: 214  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 32  
 ; LENGTH: 791  
 ; TYPE: PRT  
 ; ORGANISM: Streptomyces atroolivaceus  
 US-10-314-657-32

Query Match 14.8%; Score 66.5; DB 14; Length 791;  
 Best Local Similarity 33.3%; Pred. No. 54;  
 Matches 23; Conservative 9; Mismatches 26; Indels 11; Gaps 2;

QY 12 LLSGLAICSG--GAASQPDLDIASRRLQALAAALPHRSVSEKRTFY----- 60  
 DB 644 LLSGLAICSG--GAASQPDLDIASRRLQALAAALPHRSVSEKRTFY----- 60  
 QY 61 PNCPLMR 69  
 DB 704 KRCALMR 712

RESULT 30  
 ; Sequence 46, Application US/09727739B  
 ; Publication No. US20010025097A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Sheridan, Mark  
 ; APPLICANT: Kittleison, Jeffrey  
 ; APPLICANT: Moore, Craig  
 ; TITLE OF INVENTION: Somatostatin and Methods  
 ; FILE REFERENCE: 255.00040101  
 ; CURRENT APPLICATION NUMBER: US/09/727,739B  
 ; PRIOR FILING DATE: 2000-12-01  
 ; PRIOR APPLICATION NUMBER: US 60/168,934  
 ; PRIOR FILING DATE: 1999-12-03  
 ; NUMBER OF SEQ ID NOS: 52  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 46  
 ; LENGTH: 116  
 ; TYPE: PRT  
 ; ORGANISM: Rattus norvegicus  
 US-09-727-739B-46

Query Match 14.6%; Score 65.5; DB 12; Length 116;  
 Best Local Similarity 45.2%; Pred. No. 7.6;  
 Matches 19; Conservative 7; Mismatches 11; Indels 5; Gaps 2;

QY 5 QHICALALGLAICSG--GAASQPDLDIASRRLQALAAAL 45  
 DB 5 RLCQALALGLAICSG--GAASQPDLDIASRRLQALAAAL 42

RESULT 31  
 ; Sequence 63, Application US/09833745  
 ; Patent No. US20020052038A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ROBERTS, JOSEPH  
 ; APPLICANT: SETHURAMAN, NATARAJAN  
 ; APPLICANT: MACALISTER, THOMAS  
 ; TITLE OF INVENTION: CLONING, OVEREXPRESSION AND THERAPEUTIC USE OF  
 ; FILE REFERENCE: 078728/0106  
 ; CURRENT APPLICATION NUMBER: US/09/833,745  
 ; PRIOR FILING DATE: 2001-04-13  
 ; PRIOR APPLICATION NUMBER: 60/197,770  
 ; PRIOR FILING DATE: 2000-04-14  
 ; NUMBER OF SEQ ID NOS: 66  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 63  
 ; LENGTH: 513  
 ; TYPE: PRT

; ORGANISM: Rhizobium meliloti  
 US-09-833-745-63

Query Match 14.6%; Score 65.5; DB 9; Length 513;  
 Best Local Similarity 38.2%; Pred. No. 43;  
 Matches 21; Conservative 5; Mismatches 24; Indels 5; Gaps 1;

QY 4 SQHICALALGLAICSG--GAASQPDLDIASRRLQALAAALPHRSVGS 53  
 DB 330 SQHICALALGLAICSG--GAASQPDLDIASRRLQALAAALPHRSVGS 53

RESULT 32  
 ; Sequence 51396, Application US/10282122A  
 ; Publication No. US20040029129A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, Liangyu  
 ; APPLICANT: Zamudio, Carlos  
 ; APPLICANT: Malone, Cheryl  
 ; APPLICANT: Haselbeck, Robert  
 ; APPLICANT: Ohlsen, Karl  
 ; APPLICANT: Zyskind, Judith  
 ; APPLICANT: Wall, Daniel  
 ; APPLICANT: Twick, John  
 ; APPLICANT: Carr, Grant  
 ; APPLICANT: Yamamoto, Robert  
 ; APPLICANT: Forsyth, R.  
 ; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms  
 ; FILE REFERENCE: ELITRA.034A  
 ; CURRENT APPLICATION NUMBER: US/10/282,122A

; PRIOR FILING DATE: 2003-02-20  
 ; PRIOR APPLICATION NUMBER: 60/191,078  
 ; PRIOR FILING DATE: 2000-03-21  
 ; PRIOR APPLICATION NUMBER: 60/206,848  
 ; PRIOR FILING DATE: 2000-05-23  
 ; PRIOR APPLICATION NUMBER: 60/207,727  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: 60/230,335  
 ; PRIOR FILING DATE: 2000-09-06  
 ; PRIOR APPLICATION NUMBER: 60/230,347  
 ; PRIOR FILING DATE: 2000-09-09  
 ; PRIOR APPLICATION NUMBER: 60/242,578  
 ; PRIOR FILING DATE: 2000-10-23  
 ; PRIOR APPLICATION NUMBER: 60/253,625  
 ; PRIOR FILING DATE: 2000-11-27  
 ; PRIOR APPLICATION NUMBER: 60/257,931  
 ; PRIOR FILING DATE: 2000-12-22  
 ; PRIOR APPLICATION NUMBER: 60/267,636  
 ; PRIOR FILING DATE: 2001-02-09  
 ; PRIOR APPLICATION NUMBER: 60/269,308  
 ; PRIOR FILING DATE: 2001-02-16  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 78614  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 51396  
 ; LENGTH: 676  
 ; TYPE: PRT  
 ; ORGANISM: Bordetella pertussis  
 US-10-282-122A-51396

Query Match 14.6%; Score 65.5; DB 12; Length 676;  
 Best Local Similarity 34.5%; Pred. No. 59;  
 Matches 19; Conservative 5; Mismatches 14; Indels 17; Gaps 1;

QY 10 LALLGLAALICSGAASQPDLDIASRRLQALAAALPHRSVGS 47  
 DB 270 LALLGLAALICSGAASQPDLDIASRRLQALAAALPHRSVGS 47

RESULT 33  
 US-10-389-566-976

```

; Sequence 976, Application US/10399566
; Publication No. US20040025202A1
; GENERAL INFORMATION:
; APPLICANT: Monsanto Technology, LLC
; APPLICANT: Laurie, Cathy C
; TITLE OF INVENTION: Nucleic Acid Molecules Associated with Oil in Plants
; FILE REFERENCE: 38-77(52900)D
; CURRENT APPLICATION NUMBER: US/10/389,566
; PRIORITY FILING DATE: 2003-03-31
; PRIORITY FILING DATE: 2002-03-15
; PRIORITY FILING DATE: 2002-03-15
; PRIORITY FILING DATE: 2002-06-25
; PRIORITY FILING DATE: 2002-06-26
; PRIORITY FILING DATE: 2002-06-26
; NUMBER OF SEQ ID NOS: 2459
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 976
; LENGTH: 319
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Xaa can be any naturally occurring amino acid
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: Xaa can be any naturally occurring amino acid
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (277)..(277)
; OTHER INFORMATION: Xaa can be any naturally occurring amino acid
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (294)..(294)
; OTHER INFORMATION: Xaa can be any naturally occurring amino acid
; US-10-389-566-976

Query Match          14.2%; Score 64; DB 16; Length 319;
Best Local Similarity 28.8%; Pred. No. 37;
Matches 22; Conservative 8; Mismatches 24; Indels 22; Gaps 4;

QY 15 LALATISQGA-----SOPDLIASRRLQALALALPHRSQVSEKRTFFPCPC----- 65
DB 2 LSWXLSLHNASLQSGSHPLSSVRAELGQALISXNL-----DRWM-----CGREVM 49
QY 66 -LAWRRPKYKGPOLXA 80
DB 50 HAMWRPQKFKGYLMA 65

RESULT 34
US-10-424-599-259769
; Sequence 259769, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; PRIORITY FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 259769
; LENGTH: 397

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; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(397)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_76597C.1 pep
; US-10-424-599-259769

Query Match          14.2%; Score 64; DB 12; Length 397;
Best Local Similarity 29.1%; Pred. No. 48;
Matches 16; Conservative 8; Mismatches 23; Indels 8; Gaps 2;

QY 23 GAASQPLDLIASRRL--LQALALALPHRSQVSEKRTFFPCCLRMRRPKYK 74
DB 143 GRVGPDLIDIDPRVERENISGTSMSCFHASGIALLRKAYP-----ENSPALIK 192

RESULT 35
US-10-425-114-55345
; Sequence 55345, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; PRIORITY FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 55345
; LENGTH: 478
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: JC-GMLE01810080F07_FULI.pep
; US-10-425-114-55345

Query Match          14.2%; Score 64; DB 12; Length 478;
Best Local Similarity 29.1%; Pred. No. 60;
Matches 16; Conservative 8; Mismatches 23; Indels 8; Gaps 2;

QY 23 GAASQPLDLIASRRL--LQALALALPHRSQVSEKRTFFPCCLRMRRPKYK 74
DB 225 GRVGPDLIDIDPRVERENISGTSMSCFHASGIALLRKAYP-----ENSPALIK 274

RESULT 36
US-10-425-114-64102
; Sequence 64102, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; PRIORITY FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 64102
; LENGTH: 326
; TYPE: PRT

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; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB354-114-E3_FLI pep
US-10-425-114-64102

Query Match 14.1%; Score 63.5; DB 12; Length 326;
Best Local Similarity 27.8%; Pred. No. 44;
Matches 25; Conservative 12; Mismatches 34; Indels 19; Gaps 4

CY 2 RVSGIHCALALTELAL-AICSGAASCPDLDIASRRLQALAAALPHRSGVSEKRWTF 59
DB 33 RETEMRRCAAAALVALIAIAVAATAAGSAAGTCAKRR-----GAPFLDAVGR----- 81
CY 60 YPNCPCLMRPR---KYKGPQLKAKEDLER 86
DB 82 ---CPFVRIDSPPELVEKGETVDETLNLR 108

RESULT 37
US-09-984-271-131
; Sequence 131, Application US/09984271
; Publication No. US2003040058A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 71 Human Secreted Proteins
; FILE REFERENCE: P2030P1
; CURRENT APPLICATION NUMBER: US/09/984,271
; PRIOR FILING DATE: 2001-10-29
; PRIOR APPLICATION NUMBER: 09/482,273
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: PCT/US99/15849
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: 60/092,921
; PRIOR FILING DATE: 1998-07-15
; PRIOR APPLICATION NUMBER: 60/092,922
; PRIOR FILING DATE: 1998-07-15
; PRIOR APPLICATION NUMBER: 60/092,956
; PRIOR FILING DATE: 1998-07-15
; NUMBER OF SEQ ID NOS: 267
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 131
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURES:
; NAME/KEY: SITE
; LOCATION: (97)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-984-271-131

Query Match 14.1%; Score 63.5; DB 10; Length 333;
Best Local Similarity 33.3%; Pred. No. 45;
Matches 19; Conservative 6; Mismatches 19; Indels 13; Gaps 4

CY 18 AICSG-GAASQP-DLDIASRRLQALAAALPHRSGVSEKRWTF---PNCPCILRR 69
DB 72 AVCGQGRMPRDPDLDPVGQRRLTLRXIL-----VSDRYRFLPYCYVPAVACSNWK 120

RESULT 38
US-09-984-276-131
; Sequence 131, Application US/09984276
; Publication No. US20030017500A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 71 Human Secreted Proteins
; FILE REFERENCE: P2030P1
; CURRENT APPLICATION NUMBER: US/09/984,276
; PRIOR FILING DATE: 2001-10-29
; PRIOR APPLICATION NUMBER: 09/482,273
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/092,921
; PRIOR FILING DATE: 1998-07-15

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/ CURRENT FILING DATE: 2003-08-29  
 / NUMBER OF SEQ ID NOS: 22  
 / SOFTWARE: PatentIn version 3.1  
 / SEQ ID NO: 18  
 / LENGTH: 563  
 / TYPE: PRT  
 / ORGANISM: Artificial  
 / FEATURE:  
 / OTHER INFORMATION: Expression Cassette  
 US-10-415-302-18

Query Match 14.0%; Score 63; DB 12; Length 563;  
 Best Local Similarity 40.3%; Pred. No. 95;  
 Matches 25; Conservative 3; Mismatches 28; Indels 6; Gaps 3;

Qy 9 ALALIG-LALATCSQGAASOPDLASRRLLQBALAALPHRSGVSEWRRTFYPCCLR 67  
 Db 486 AQAIPGVNLSTIAAGCAHAPDADLIDARGL--AAKRLDARPGTSTILRP--DQHYCAR 540  
 Qy 68 WR 69  
 Db 541 WR 542

Search completed: May 6, 2004, 17:05:54  
 UOB time : 51.936 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Comphen Ltd.

OM protein - protein search, using sw model

Run on: May 6, 2004, 16:44:09 ; Search time 2.50215 Seconds  
(without alignments)  
226.959 Million cell updates/sec

Title: US-09-727-739B-18  
Perfect score: 58  
Sequence: 1 SWDNLPPRRK 11

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:  
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2: /cgn2\_6/prodata/2/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/2/1aa/6A\_COMB.pep:\*  
4: /cgn2\_6/prodata/2/1aa/6B\_COMB.pep:\*  
5: /cgn2\_6/prodata/2/1aa/6C\_COMB.pep:\*  
6: /cgn2\_6/prodata/2/1aa/6D\_COMB.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	41	70.7	94	4	US-09-621-976-6221 Sequence 6221, Ap
2	39	67.2	186	4	US-09-543-681A-5892 Sequence 5892, Ap
3	39	67.2	219	3	US-09-247-373B-52 Sequence 52, Appl
4	39	67.2	224	3	US-09-247-373B-34 Sequence 34, Appl
5	39	67.2	248	4	US-09-134-001C-5085 Sequence 5085, Ap
6	38	65.5	33	4	US-09-050-516-46 Sequence 46, Appl
7	38	65.5	33	4	US-10-278-547-46 Sequence 5329, Ap
8	38	65.5	1586	4	US-09-543-681A-5329 Sequence 5318, Ap
9	37	63.8	181	4	US-09-134-000C-3518 Sequence 3518, Ap
10	37	63.8	424	6	5169835-6 Patent No. 5169835
11	37	63.8	1291	4	US-09-252-991A-19504 Sequence 19504, A
12	37	62.1	273	4	US-09-134-001C-3917 Sequence 3917, Ap
13	36	62.1	289	4	US-09-252-991A-19544 Sequence 19544, A
14	36	62.1	352	4	US-09-491-577-90 Sequence 90, Appl
15	36	62.1	888	4	US-09-540-236-2916 Sequence 2916, Ap
16	36	62.1	892	4	US-09-528-352-8164 Sequence 8164, Ap
17	36	62.1	2496	3	US-09-125-028-2 Sequence 2, Appl
18	36	62.1	2958	3	US-08-894-344C-2 Sequence 32941, A
19	35	60.3	1844	4	US-09-252-991A-39941 Patent No. 5169835
20	35	60.3	230	6	5169835-13 Patent No. 5169835
21	35	60.3	291	4	US-09-107-532A-6390 Sequence 6390, Ap
22	35	60.3	398	4	US-09-252-991A-13739 Sequence 13739, A
23	35	60.3	398	4	US-09-489-039A-16613 Sequence 16613, A
24	35	60.3	398	4	US-09-489-039A-16613 Sequence 30, Appl
25	35	60.3	398	4	US-09-489-039A-16613 Sequence 30, Appl
26	35	60.3	409	4	US-09-291-417D-30 Sequence 104, Appl
27	35	60.3	419	6	5169835-2 Patent No. 5169835

## ALIGNMENTS

28	35	60.3	591	3	US-09-082-737-2 Sequence 2, Appl
29	35	60.3	591	4	US-09-688-188B-103 Sequence 103, Appl
30	35	60.3	591	4	US-09-718-032-2 Sequence 2, Appl
31	35	60.3	591	4	US-09-291-417D-103 Sequence 103, Appl
32	35	60.3	709	4	US-09-252-991A-21993 Sequence 21993, A
33	34	58.6	203	4	US-09-489-039A-7840 Sequence 7840, Ap
34	34	58.6	215	4	US-09-050-516-47 Sequence 47, Appl
35	34	58.6	215	4	US-10-278-547-47 Sequence 12, Appl
36	34	58.6	223	4	US-08-857-534-12 Sequence 48, Appl
37	34	58.6	223	5	PCT-US95-04971-12 Sequence 48, Appl
38	34	58.6	223	4	US-09-247-373B-48 Sequence 6224, Ap
39	34	58.6	234	4	US-09-543-681A-6224 Sequence 32653, A
40	34	58.6	304	4	US-09-252-991A-32653 Sequence 5632, Ap
41	34	58.6	305	4	US-09-134-001C-5632 Sequence 5244, Ap
42	34	58.6	323	4	US-09-543-681A-5244 Sequence 49, Appl
43	34	58.6	357	4	US-09-345-236B-49 Sequence 3, Appl
44	34	58.6	361	1	US-08-258-261B-3 Sequence 3, Appl
45	34	58.6	361	1	US-08-456-837-3 Sequence 3, Appl

## RESULT 1

US-09-621-976-6221  
Sequence 6221, Application US/09621976  
Patent No. 6639063  
GENERAL INFORMATION:  
APPLICANT: Dumas Milne Edwards, J.B.  
APPLICANT: Jobert, S.  
TITLE OF INVENTION: ESTs and Encoded Human Proteins.  
FILE REFERENCE: GENSET.054PR2  
CURRENT FILING DATE: US/09/621.976  
CURRENT FILING DATE: 2000-07-21  
NUMBER OF SEQ ID NOS: 19335  
SOFTWARE: Patent.pm  
SEQ ID NO 6221  
LENGTH: 94  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: UNSURE  
LOCATION: 86  
LOCATION: 86  
OTHER INFORMATION: Xaa = Lys, Arg  
NAME/KEY: UNSURE  
LOCATION: 78  
LOCATION: 78  
OTHER INFORMATION: Xaa = Pro, Ser  
US-09-621-976-6221  
Query Match 70.7%, Score 41; DB 4; Length 94;  
Best Local Similarity 87.5%; Pred. No. 2.7;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 4 NLPREK 11  
DB 63 NLPREK 70  
RESULT 2  
US-09-543-681A-5892  
Sequence 5892, Application US/09543681A  
Patent No. 6605709  
GENERAL INFORMATION:  
APPLICANT: GARY BRETON  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABI  
FILE REFERENCE: 2709.1002-001  
CURRENT FILING DATE: US/09/543.681A  
CURRENT FILING DATE: 2000-04-05  
PRIORITY APPLICATION NUMBER: US 60/128,706  
PRIORITY FILING DATE: 1999-04-09  
NUMBER OF SEQ ID NOS: 8344

SEQ ID NO: 5892  
 LENGTH: 186  
 TYPE: PRT  
 ORGANISM: Proteus mirabilis  
 US-09-543-681A-5892

Query Match  
 Best Local Similarity 54.5%; Score 39; DB 4; Length 186;  
 Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 SYDNLPRRER 11  
 DB 124 AIDTLPRRER 134

RESULT 3  
 US-09-247-373B-52  
 Sequence 52, Application US/09247373B  
 Patent No. 6168954  
 GENERAL INFORMATION:  
 APPLICANT: MCGONIGLE, BRIAN  
 APPLICANT: O'KEEFE, DANIEL  
 TITLE OF INVENTION: SOYBEAN GLUTATHIONE-S-TRANSFERASE ENZYMES  
 FILE REFERENCE: CL-1108-A  
 CURRENT APPLICATION NUMBER: US/09/247,373B  
 CURRENT FILING DATE: 1999-02-10  
 PRIOR APPLICATION NUMBER: 08/924,747  
 PRIOR FILING DATE: 1997-09-05  
 NUMBER OF SEQ ID NOS: 56  
 SOFTWARE: Microsoft Office 97  
 SEQ ID NO: 52  
 LENGTH: 219  
 TYPE: PRT  
 ORGANISM: SOYBEAN  
 US-09-247-373B-52

Query Match  
 Best Local Similarity 75.0%; Score 39; DB 3; Length 219;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3 DNLPRRER 10  
 DB 194 DNLPRRDX 201

RESULT 4  
 US-09-247-373B-34  
 Sequence 34, Application US/09247373B  
 Patent No. 6168954  
 GENERAL INFORMATION:  
 APPLICANT: MCGONIGLE, BRIAN  
 APPLICANT: O'KEEFE, DANIEL  
 TITLE OF INVENTION: SOYBEAN GLUTATHIONE-S-TRANSFERASE ENZYMES  
 FILE REFERENCE: CL-1108-A  
 CURRENT APPLICATION NUMBER: US/09/247,373B  
 CURRENT FILING DATE: 1999-02-10  
 PRIOR APPLICATION NUMBER: 08/924,747  
 PRIOR FILING DATE: 1997-09-05  
 NUMBER OF SEQ ID NOS: 56  
 SOFTWARE: Microsoft Office 97  
 SEQ ID NO: 34  
 LENGTH: 224  
 TYPE: PRT  
 ORGANISM: SOYBEAN  
 US-09-247-373B-34

Query Match  
 Best Local Similarity 67.2%; Score 39; DB 3; Length 224;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3 DNLPRRER 10  
 DB 202 DNLPRRDX 209

RESULT 5  
 US-09-134-001C-5085  
 Sequence 5085, Application US/09134001C  
 Patent No. 6380370  
 GENERAL INFORMATION:  
 APPLICANT: Lynn Doucette-Stamm et al  
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS  
 FILE REFERENCE: GTC-007  
 CURRENT APPLICATION NUMBER: US/09/134,001C  
 CURRENT FILING DATE: 1998-08-13  
 PRIOR APPLICATION NUMBER: US 60/064,964  
 PRIOR FILING DATE: 1997-11-08  
 PRIOR APPLICATION NUMBER: US 60/055,779  
 PRIOR FILING DATE: 1997-08-14  
 NUMBER OF SEQ ID NOS: 5674  
 SEQ ID NO: 5085  
 LENGTH: 248  
 TYPE: PRT  
 ORGANISM: Staphylococcus epidermidis  
 US-09-134-001C-5085

Query Match  
 Best Local Similarity 70.0%; Score 39; DB 4; Length 248;  
 Matches 7; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1 SYDNLPRRER 10  
 DB 181 SAKNLPRRER 190

RESULT 6  
 US-09-050-516-46  
 Sequence 46, Application US/09050516  
 Patent No. 6627414  
 GENERAL INFORMATION:  
 APPLICANT: BILLING-MEDEL, PATRICIA  
 APPLICANT: COHEN, MAURICE  
 APPLICANT: COLPITTS, TRACEY L.  
 APPLICANT: FRIEDMAN, PAULA N.  
 APPLICANT: GORDON, JULIAN  
 APPLICANT: GRANADOS, EDWARD N.  
 APPLICANT: HAYDEN, MARK  
 APPLICANT: HODGES, STEVEN C.  
 APPLICANT: KLAS, MICHAEL R.  
 APPLICANT: KRATOCHVIL, JON D.  
 APPLICANT: ROBERTS-RAPP, LISA  
 APPLICANT: RUSSELL, JOHN C.  
 APPLICANT: STROUPE, STEPHEN D.  
 TITLE OF INVENTION: REAGENTS AND METHODS USEFUL  
 TITLE OF INVENTION: FOR DETECTING DISEASES OF THE GASTROINTESTINAL  
 TRACT  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESSES:  
 ADDRESSEE: Abbott Laboratories  
 STREET: 100 Abbott Park Road  
 CITY: Abbott Park  
 STATE: IL  
 COUNTRY: USA  
 ZIP: 60064-3500  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSQ for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/050,516  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/828,855

FILING DATE: 31-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Becker, Cheryl L.  
REGISTRATION NUMBER: 35,441  
REFERENCE/DOCKET NUMBER: 6065.US.P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 847/935-1729  
TELEFAX: 847/938-2623  
TELEX:  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 33 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: No. 6627414e  
US-09-050-516-46

Query Match 65.5%; Score 38; DB 4; Length 33;  
Best Local Similarity 63.6%; Pred. No. 3;  
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 SVDNLPPEK 11  
DB 3 SVDSAPGQK 13

## RESULT 7

US-10-278-547-46  
Sequence 46: Application US/10278547  
Patent No. 6660834  
GENERAL INFORMATION:

APPLICANT: BILLING-MEDEL, PATRICIA  
COHEN, MAURICE  
COLPITTS, TRACEY L.  
FRIEDMAN, PAULA N.  
GORDON, JULIAN  
GRANDOS, EDWARD N.  
HAYDEN, MARK  
HODGES, STEVEN C.  
KLASS, MICHAEL R.  
KRATOCHVIL, JON D.  
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE GASTROINTESTINAL  
TRACT  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Abbott Laboratories  
STREET: 100 Abbott Park Road  
CITY: Abbott Park  
STATE: IL  
COUNTRY: USA  
ZIP: 60064-3500

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/278,547  
FILING DATE: 23-OCT-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/050,516  
FILING DATE: <Unknown>  
APPLICATION NUMBER: 08/828,855  
FILING DATE: 31-MAR-1997

ATTORNEY/AGENT INFORMATION:  
NAME: Becker, Cheryl L.  
REGISTRATION NUMBER: 35,441  
REFERENCE/DOCKET NUMBER: 6065.US.P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 847/935-1729

TELEFAX: 847/938-2623  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 33 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: No. 6660834e  
SEQUENCE DESCRIPTION: SEQ ID NO: 46:  
US-10-278-547-46

Query Match 65.5%; Score 38; DB 4; Length 33;  
Best Local Similarity 63.6%; Pred. No. 3;  
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 SVDNLPPEK 11  
DB 3 SVDSAPGQK 13

## RESULT 8

US-09-543-681A-5329  
Sequence 5329: Application US/09543681A  
Patent No. 6605709  
GENERAL INFORMATION:  
APPLICANT: GARY BRETON  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS  
FILE REFERENCE: 2709,1002-001  
CURRENT APPLICATION NUMBER: US/09/543,681A  
CURRENT FILING DATE: 2000-04-05  
PRIOR APPLICATION NUMBER: US 60/128,706  
PRIOR FILING DATE: 1999-04-09  
NUMBER OF SEQ ID NOS: 8344  
SEQ ID NO 5329  
LENGTH: 1586  
TYPE: PRT  
ORGANISM: Proteus mirabilis  
FEATURE:  
NAME/KEY: UNSURE  
LOCATION: (1576)  
OTHER INFORMATION: Identity of amino acid at the above locations are unknown.  
US-09-543-681A-5329

Query Match 65.5%; Score 38; DB 4; Length 1586;  
Best Local Similarity 54.5%; Pred. No. 1,8e+02;  
Matches 6; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 SVDNLPPEK 11  
DB 144 ADNTPPEK 154

## RESULT 9

US-09-134-000C-3518  
Sequence 3518: Application US/09134000C  
Patent No. 6617156  
GENERAL INFORMATION:  
APPLICANT: Lynn Doucette-Stamm et al  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS  
FILE REFERENCE: 032796-032  
CURRENT APPLICATION NUMBER: US/09/134,000C  
CURRENT FILING DATE: 1998-08-13  
PRIOR APPLICATION NUMBER: US 60/055,778  
PRIOR FILING DATE: 1997-08-15  
NUMBER OF SEQ ID NOS: 6812  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3518  
LENGTH: 181  
TYPE: PRT  
ORGANISM: Enterococcus faecalis



US-09-134-000C-3518

Query Match 63.8% Score 37; DB 4; Length 181;  
 Best Local Similarity 75.0%; Pred. No. 28;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 4 NLPFRERK 11  
 : : : : :  
 Db 8 DIPPRERK 15

RESULT 10  
 US-09-134-001C-3917  
 Patent No. 5169835  
 APPLICANT: MAI-YEE, CHAN  
 TITLE OF INVENTION: PREGNANCY SPECIFIC PROTEINS APPLICATIONS  
 NUMBER OF SEQUENCES: 48  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/390,409  
 FILING DATE: 07-AUG-1989  
 SEQ ID NO: 6:  
 LENGTH: 424  
 5169835-6

Query Match 63.8% Score 37; DB 6; Length 424;  
 Best Local Similarity 54.5%; Pred. No. 68;  
 Matches 6; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1 SVDNLPFRERK 11  
 : : : : :  
 Db 244 TINLNPFRERK 254

RESULT 11  
 US-09-252-991A-19504  
 Sequence 19504, Application US/09252991A  
 Patent No. 6551795  
 GENERAL INFORMATION:  
 APPLICANT: Marc J. Rubenfield et al.  
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
 FILE REFERENCE: 107196.136  
 CURRENT APPLICATION NUMBER: US/09/252,991A  
 PRIOR FILING DATE: 1999-02-18  
 PRIOR APPLICATION NUMBER: US 60/074,788  
 PRIOR FILING DATE: 1998-02-18  
 PRIOR APPLICATION NUMBER: US 60/094,190  
 PRIOR FILING DATE: 1998-07-27  
 NUMBER OF SEQ ID NOS: 33142  
 SEQ ID NO 19504  
 LENGTH: 1291  
 TYPE: PRT  
 ORGANISM: Pseudomonas aeruginosa  
 US-09-252-991A-19504

Query Match 63.8% Score 37; DB 4; Length 1291;  
 Best Local Similarity 63.8%; Pred. No. 2,2e+02;  
 Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 SVDNLPFRERK 11  
 : : : : :  
 Db 548 AVRRLPFRERK 558

RESULT 12  
 US-09-134-001C-3917  
 Sequence 3917, Application US/09134001C  
 Patent No. 6380370  
 GENERAL INFORMATION:  
 APPLICANT: Lynn Doucette-Stamm et al  
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS  
 TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS  
 FILE REFERENCE: GTC-007

CURRENT APPLICATION NUMBER: US/09/134,001C  
 PRIOR FILING DATE: 1998-08-13  
 PRIOR APPLICATION NUMBER: US 60/064,964  
 PRIOR FILING DATE: 1997-11-08  
 PRIOR APPLICATION NUMBER: US 60/055,779  
 PRIOR FILING DATE: 1997-08-14  
 NUMBER OF SEQ ID NOS: 5674  
 SEQ ID NO 3917  
 LENGTH: 273  
 TYPE: PRT  
 ORGANISM: Staphylococcus epidermidis  
 US-09-134-001C-3917

Query Match 62.1% Score 36; DB 4; Length 273;  
 Best Local Similarity 60.0%; Pred. No. 64;  
 Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2 VDNLPFRERK 11  
 : : : : :  
 Db 40 VKLPPFRERK 49

RESULT 13  
 US-09-252-991A-19544  
 Sequence 19544, Application US/09252991A  
 Patent No. 6551795  
 GENERAL INFORMATION:  
 APPLICANT: Marc J. Rubenfield et al.  
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
 FILE REFERENCE: 107196.136  
 CURRENT APPLICATION NUMBER: US/09/252,991A  
 PRIOR FILING DATE: 1999-02-18  
 PRIOR APPLICATION NUMBER: US 60/074,788  
 PRIOR FILING DATE: 1998-02-18  
 PRIOR APPLICATION NUMBER: US 60/094,190  
 PRIOR FILING DATE: 1998-07-27  
 NUMBER OF SEQ ID NOS: 33142  
 SEQ ID NO 19544  
 LENGTH: 289  
 TYPE: PRT  
 ORGANISM: Pseudomonas aeruginosa  
 US-09-252-991A-19544

Query Match 62.1% Score 36; DB 4; Length 289;  
 Best Local Similarity 85.7%; Pred. No. 68;  
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 VDNLPFR 8  
 : : : : :  
 Db 148 LDNLPFR 154

RESULT 14  
 US-09-491-577-90  
 Sequence 90, Application US/09491577  
 Patent No. 6610511  
 GENERAL INFORMATION:  
 APPLICANT: Yale University  
 APPLICANT: Carlson, John R.  
 APPLICANT: Kim, Huhhyong  
 APPLICANT: Cline, Peter J.  
 APPLICANT: Marr, Coral G.  
 TITLE OF INVENTION: No. 6610511el Family of Odorant Receptor Genes in Drosophila  
 FILE REFERENCE: 44574-5061-US  
 CURRENT APPLICATION NUMBER: US/09/491,577  
 PRIOR FILING DATE: 2000-01-25  
 EARLIER APPLICATION NUMBER: US 60/117,132  
 EARLIER FILING DATE: 1999-01-25  
 NUMBER OF SEQ ID NOS: 112  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 90  
 LENGTH: 392

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; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-491-577-90
Query Match
Best Local Similarity 62.1%; Score 36; DB 4; Length 392;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4 NLEPPER 11
Db 334 NLEPPER 341

RESULT 15
US-09-540-236-2916
; Sequence 2916, Application US/09540236
; Patent No. 6673910
; GENERAL INFORMATION:
; APPLICANT: Gary L. Bretton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MORAXELLA CATAR
; FILE REFERENCE: 2709.2005-001
; CURRENT APPLICATION NUMBER: US/09/540.236
; CURRENT FILING DATE: 2000-04-04
; NUMBER OF SEQ ID NOS: 3840
; SEQ ID NO 2916
; LENGTH: 888
; TYPE: PRT
; ORGANISM: M.catarrhalis
US-09-540-236-2916

Query Match
Best Local Similarity 62.1%; Score 36; DB 4; Length 888;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 NLEPPER 10
Db 648 NLEPPER 654

RESULT 16
US-09-328-352-8164
; Sequence 8164, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: Gary L. Bretton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE REFERENCE: GTC99-033A
; CURRENT APPLICATION NUMBER: US/09/328.352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 8164
; LENGTH: 892
; TYPE: PRT
; ORGANISM: Acinetobacter baumannii
US-09-328-352-8164

Query Match
Best Local Similarity 62.1%; Score 36; DB 4; Length 892;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 NLEPPER 10
Db 653 NLEPPER 659

RESULT 17
US-09-125-028-2
; Sequence 2, Application US/09125028A
; Patent No. 6190707
; GENERAL INFORMATION:
; APPLICANT: MADOUX, Isabelle
```

```

; APPLICANT: COLAVIZZA, Didier
; APPLICANT: LOIEZ, Annie
; TITLE OF INVENTION: NOVEL COLD-SENSITIVE BREAD-MAKING YEASTS
; FILE REFERENCE: levure sensible froid
; CURRENT APPLICATION NUMBER: US/09/125.028A
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: PCT/FR97/00254
; EARLIER FILING DATE: 1997-02-07
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 2
; LENGTH: 2496
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-125-028-2

Query Match
Best Local Similarity 62.1%; Score 36; DB 3; Length 2496;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 VDNLEPPER 10
Db 257 IDVLEPPER 265

RESULT 18
US-08-894-344C-2
; Sequence 2, Application US/08894344C
; Patent No. 6172196
; GENERAL INFORMATION:
; APPLICANT: KAWASAKI, Hideki
; APPLICANT: TOKAI, Masaya
; APPLICANT: KIKUCHI, Yasuhiro
; APPLICANT: OUCHI, Kozo
; TITLE OF INVENTION: DNA ENCODING PROTEIN COMPLEMENTING
; TITLE OF INVENTION: YEAST
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FITZPATRICK, CELIA, HARPER & SCINTO
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10112-3801
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.50 inch, 1440 Kb storage.
; COMPUTER: IBM PS/IV
; OPERATING SYSTEM: MS-DOS Ver3.30
; SOFTWARE: PATENT AID Ver1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/894.344C
; FILING DATE: 15-AUGUST-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP343700/95
; FILING DATE: 28-DECEMBER-1995
; APPLICATION NUMBER: PCT/JP96/03862
; FILING DATE: 27-DECEMBER-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Peiry, Lawrence S.
; REGISTRATION NUMBER: 31865
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-218-2100
; TELEFAX: 212-218-2200
; INFORMATION FOR SEQ ID NO: 2 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2958 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Saccharomyces cerevisiae
; STRAIN: X2180-1B
```

US-08-694-344C-2

Query Match 62.1%; Score 36; DB 3; Length 2958;  
Best Local Similarity 66.7%; Pred. No. 8e+02;  
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 VDNLPPER 10  
DB 257 IDVLPKER 265

RESULT 19  
US-09-252-991A-32941  
; Sequence 32941, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 32941  
; LENGTH: 184  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-32941

Query Match 60.3%; Score 35; DB 4; Length 184;  
Best Local Similarity 63.6%; Pred. No. 64;  
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 SVDNLPPER 11  
DB 1 SVDALPPDHR 11

RESULT 20  
5169835-13  
; Patent No. 5169835  
; APPLICANT: WAI-YEE, CHAN  
; TITLE OF INVENTION: PREGNANCY SPECIFIC PROTEINS APPLICATIONS  
; NUMBER OF SEQUENCES: 48  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/390,409  
; FILING DATE: 07-AUG-1989  
; SEQ ID NO:13  
; LENGTH: 230  
5169835-13

Query Match 60.3%; Score 35; DB 6; Length 230;  
Best Local Similarity 54.5%; Pred. No. 81;  
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 SVDNLPPER 11  
DB 101 TNNLPPRE 111

RESULT 21  
US-09-107-532A-6390  
; Sequence 6390, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS  
; NUMBER OF SEQUENCES: 7310

## CORRESPONDENCE ADDRESS:

ADDRESSEE: GENOME THERAPEUTICS CORPORATION  
STREET: 100 Beaver Street  
CITY: Waltham  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02354

## COMPUTER READABLE FORM:

MEDIUM TYPE: CD/ROM ISO9660  
COMPUTER: PC  
OPERATING SYSTEM: <Unknown>  
SOFTWARE: ASCII

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/107,532A  
FILING DATE: 30-Jun-1998

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/085,598  
FILING DATE: 14 May 1998  
APPLICATION NUMBER: 60/051571  
FILING DATE: July 2, 1997

## ATTORNEY/AGENT INFORMATION:

NAME: Ariniello, Pamela Deneka  
REGISTRATION NUMBER: 40,489  
REFERENCE/DOCKET NUMBER: GTC-012  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (781)893-5007  
TELEFAX: (781)893-8277

## INFORMATION FOR SEQ ID NO: 6390:

SEQUENCE CHARACTERISTICS:  
LENGTH: 291 amino acids  
TYPE: amino acid  
MOLECULE TYPE: protein  
TOPOLOGY: linear  
HYPOTHETICAL: YES  
ORIGINAL SOURCE:  
ORGANISM: Enterococcus faecium  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (B) LOCATION 1...291  
SEQUENCE DESCRIPTION: SEQ ID NO: 6390:

US-09-107-532A-6390

Query Match 60.3%; Score 35; DB 4; Length 291;  
Best Local Similarity 62.5%; Pred. No. 1e+02;  
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2 VDNLPPER 9  
DB 87 INNLPPER 94

RESULT 22  
US-09-252-991A-17379  
; Sequence 17379, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 17379  
; LENGTH: 398  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-17379

Query Match 60.3%; Score 35; DB 4; Length 398;  
 Best Local Similarity 50.0%; Pred. No. 1.4e+02;  
 Matches 5; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1 SVDLPPRR 10  
 |||||  
 Db 103 SINVPFPRK 112

## RESULT 23

US-09-489-039A-10613  
 ; Sequence 10613, Application US/09489039A  
 ; Patent No. 6610836  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gary Breton et. al  
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
 ; TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS  
 ; FILE REFERENCE: 2709.2004001  
 ; CURRENT APPLICATION NUMBER: US/09/489,039A  
 ; CURRENT FILING DATE: 2000-01-27  
 ; PRIOR APPLICATION NUMBER: US 60/117,747  
 ; PRIOR FILING DATE: 1999-01-29  
 ; NUMBER OF SEQ ID NOS: 14342  
 ; SEQ ID NO 10613  
 ; LENGTH: 398  
 ; TYPE: PRT  
 ; ORGANISM: Klebsiella pneumoniae  
 ; US-09-489-039A-10613

Query Match 60.3%; Score 35; DB 4; Length 398;  
 Best Local Similarity 55.6%; Pred. No. 1.4e+02;  
 Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 3 DNLPPRRK 11  
 :|||:  
 Db 238 ENFPQERR 246

## RESULT 24

US-09-688-188B-30  
 ; Sequence 30, Application US/09688188B  
 ; Patent No. 6656716  
 ; GENERAL INFORMATION:  
 ; APPLICANT: PLOWMAN, GREGORY  
 ; APPLICANT: MARTINEZ, RICARDO  
 ; APPLICANT: WHITE, DAVID  
 ; TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES  
 ; FILE REFERENCE: 038602/0328  
 ; CURRENT APPLICATION NUMBER: US/09/688,188B  
 ; CURRENT FILING DATE: 2000-10-16  
 ; PRIOR APPLICATION NUMBER: 09/291,417  
 ; PRIOR FILING DATE: 1999-04-14  
 ; PRIOR APPLICATION NUMBER: 60/081,784  
 ; PRIOR FILING DATE: 1998-04-14  
 ; NUMBER OF SEQ ID NOS: 155  
 ; SOFTWARE: Patentin Ver. 2.1  
 ; SEQ ID NO 30  
 ; LENGTH: 398  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-688-188B-30

Query Match 60.3%; Score 35; DB 4; Length 398;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 DNLPPR 8  
 |||||  
 Db 336 DNLPPR 341

RESULT 25  
 US-09-291-417D-30

; Sequence 30, Application US/09291417D  
 ; Patent No. 6680170  
 ; GENERAL INFORMATION:  
 ; APPLICANT: PLOWMAN, GREGORY  
 ; APPLICANT: MARTINEZ, RICARDO  
 ; APPLICANT: WHITE, DAVID  
 ; TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES  
 ; FILE REFERENCE: 038602/0329  
 ; CURRENT APPLICATION NUMBER: US/09/291,417D  
 ; CURRENT FILING DATE: 1999-04-13  
 ; PRIOR APPLICATION NUMBER: 60/081,784  
 ; PRIOR FILING DATE: 1998-04-14  
 ; NUMBER OF SEQ ID NOS: 155  
 ; SOFTWARE: Patentin Ver. 2.1  
 ; SEQ ID NO 30  
 ; LENGTH: 398  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-291-417D-30

Query Match 60.3%; Score 35; DB 4; Length 398;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 DNLPPR 8  
 |||||  
 Db 336 DNLPPR 341

## RESULT 26

US-09-533-029-104  
 ; Sequence 104, Application US/09533029  
 ; Patent No. 6664446  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Heard, Jacqueline  
 ; APPLICANT: Brown, Pierre  
 ; APPLICANT: Riechmann, Jose-Luis  
 ; APPLICANT: Keddle, James  
 ; APPLICANT: Pineda, Omaira  
 ; APPLICANT: Adam, Luc  
 ; APPLICANT: Samaha, Raymond  
 ; APPLICANT: Zhang, James  
 ; APPLICANT: Yu, Guo-Liang  
 ; APPLICANT: Ratcliffe, Oliver  
 ; APPLICANT: Pilgrim, Marsha  
 ; APPLICANT: Jiang, Cai-Zhong  
 ; APPLICANT: Reuber, Lynne  
 ; TITLE OF INVENTION: DISEASE-INDUCED POLYNUCLEOTIDES  
 ; FILE REFERENCE: MBI-010  
 ; CURRENT APPLICATION NUMBER: US/09/533,029  
 ; CURRENT FILING DATE: 2000-03-22  
 ; EARLIER APPLICATION NUMBER: 60/125,814  
 ; EARLIER FILING DATE: 1999-03-23  
 ; NUMBER OF SEQ ID NOS: 121  
 ; SOFTWARE: Patentin Ver. 2.1  
 ; SEQ ID NO 104  
 ; LENGTH: 409  
 ; TYPE: PRT  
 ; ORGANISM: Arabidopsis thaliana  
 ; FEATURES:  
 ; OTHER INFORMATION: G1034  
 ; US-09-533-029-104

Query Match 60.3%; Score 35; DB 4; Length 409;  
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;  
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 NLPFRR 10  
 |||||  
 Db 86 NLPFRR 92

RESULT 27

5169835-2  
; Patent No. 5169835  
; APPLICANT: MAI-YEE, CHAN  
; TITLE OF INVENTION: PREGNANCY SPECIFIC PROTEINS APPLICATIONS  
; NUMBER OF SEQUENCES: 48  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/390,409  
; FILING DATE: 07-AUG-1989  
; SEQ ID NO: 2:  
; LENGTH: 419  
5169835-2  
Query Match 60.3%; Score 35; DB 6; Length 419;  
Best Local Similarity 54.5%; Pred. No. 1.5e+02;  
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;  
QY 1 SVDNLPFRK 11  
DB 245 TNNLNPFRK 255  
RESULT 28  
US-09-082-737-2  
; Sequence 2, Application US/09082737  
; Patent No. 6013500  
; GENERAL INFORMATION:  
; APPLICANT: Minden, Audrey  
; TITLE OF INVENTION: PAK4: A No. 6013500e1 Gene Encoding A Serine/  
; TITLE OF INVENTION: Threonine Kinase  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Cooper & Dunham LLP  
; STREET: 1185 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 11230  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/082,737  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 0575/55311  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 278-0400  
; TELEFAX: (212) 391-0525  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 591 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-082-737-2  
Query Match 60.3%; Score 35; DB 3; Length 591;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 3 DNLPPR 8  
DB 529 DNLPPR 534  
RESULT 29  
US-09-688-188b-103  
; Sequence 103, Application US/09688188b

; Patent No. 6666716  
; GENERAL INFORMATION:  
; APPLICANT: PLOWMAN, GREGORY  
; APPLICANT: MARTINEZ, RICARDO  
; APPLICANT: WHYTE, DAVID  
; TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES  
; FILE REFERENCE: 038602/0328  
; CURRENT APPLICATION NUMBER: US/09/688,188B  
; CURRENT FILING DATE: 2000-10-16  
; PRIOR APPLICATION NUMBER: 09/281,417  
; PRIOR FILING DATE: 1999-04-14  
; PRIOR APPLICATION NUMBER: 60/081,784  
; PRIOR FILING DATE: 1998-04-14  
; NUMBER OF SEQ ID NOS: 155  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 103  
; LENGTH: 591  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-688-188b-103  
Query Match 60.3%; Score 35; DB 4; Length 591;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 3 DNLPPR 8  
DB 529 DNLPPR 534  
RESULT 30  
US-09-718-032-2  
; Sequence 2, Application US/09718032  
; Patent No. 6667168  
; GENERAL INFORMATION:  
; APPLICANT: The Trustees of Columbia University  
; APPLICANT: Minden, Audrey  
; TITLE OF INVENTION: PAK4, A NOVEL GENE ENCODING A SERINE/THREONINE KINASE  
; FILE REFERENCE: 575/55311-A-PCT-US  
; CURRENT APPLICATION NUMBER: US/09/718,032  
; CURRENT FILING DATE: 2000-11-21  
; PRIOR APPLICATION NUMBER: PCT/US99/11341  
; PRIOR FILING DATE: 1999-05-21  
; PRIOR APPLICATION NUMBER: 09/082,737  
; PRIOR FILING DATE: 1998-05-21  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 591  
; TYPE: PRT  
; ORGANISM: human  
US-09-718-032-2  
Query Match 60.3%; Score 35; DB 4; Length 591;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 3 DNLPPR 8  
DB 529 DNLPPR 534  
RESULT 31  
US-09-291-417D-103  
; Sequence 103, Application US/09291417D  
; Patent No. 6660170  
; GENERAL INFORMATION:  
; APPLICANT: PLOWMAN, GREGORY  
; APPLICANT: MARTINEZ, RICARDO  
; APPLICANT: WHYTE, DAVID  
; TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES  
; FILE REFERENCE: 038602/0329  
; CURRENT APPLICATION NUMBER: US/09/291,417D

```

; CURRENT FILING DATE: 1999-04-13
; PRIOR APPLICATION NUMBER: 60/081,784
; PRIOR FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 155
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 103
; LENGTH: 591
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-291-417D-103

```

```

Query Match      60.3%; Score 35; DB 4; Length 591;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Cy      3 DNLPPR 8
Db      529 DNLPPR 534

```

```

RESULT 32
US-09-252-991A-21993
; Sequence 21993, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 21993
; LENGTH: 709
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
; US-09-252-991A-21993

```

```

Query Match      60.3%; Score 35; DB 4; Length 709;
Best Local Similarity 75.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

Cy      3 DNLPPR 10
Db      151 DNLPPR 158

```

```

RESULT 33
US-09-489-039A-7840
; Sequence 7840, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 7840
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
; US-09-489-039A-7840

```

```

Query Match      58.6%; Score 34; DB 4; Length 203;
Best Local Similarity 66.7%; Pred. No. 1.1e+02;

```

```

Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
Cy      1 SVDNLPRE 9
Db      35 STPNLPPRD 43

```

```

RESULT 34
US-09-050-516-47
; Sequence 47, Application US/09050516
; Patent No. 6627414
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANDOS, EDWARD N.
; APPLICANT: HAYDEN, MARK
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLAS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE GASTROINTESTINAL
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/050,516
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/828,855
; FILING DATE: 31-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6065.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 215 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: NO. 6627414e
; US-09-050-516-47

```

```

Query Match      58.6%; Score 34; DB 4; Length 215;
Best Local Similarity 60.0%; Pred. No. 1.1e+02;
Matches 6; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

```

```

Cy      2 VDNLPREX 11
Db      160 VDSAPFGQK 169

```

RESULT 35  
 US-10-278-547-47  
 ; Sequence 47, Application US/10278547  
 ; Patent No. 6660834  
 ; GENERAL INFORMATION:  
 APPLICANT: BILLING-MEDEL, PATRICIA  
 COHEN, MAURICE  
 COLPITTS, TRACEY L.  
 FRIEDMAN, PAULA N.  
 GORDON, JULIAN  
 GRANDOS, EDWARD N.  
 HAYDEN, MARK  
 HODGES, STEVEN C.  
 KASS, MICHAEL R.  
 KRATOCHVIL, JON D.  
 TITLE OF INVENTION: REAGENTS AND METHODS USEFUL  
 FOR DETECTING DISEASES OF THE GASTROINTESTINAL  
 TRACT  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Abbott Laboratories  
 STREET: 100 Abbott Park Road  
 CITY: Abbott Park  
 STATE: IL  
 COUNTRY: USA  
 ZIP: 60064-3500  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/10/278,547  
 FILING DATE: 23-Oct-2002  
 CLASSIFICATION: <Unknown>  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/09/050,516  
 FILING DATE: <Unknown>  
 APPLICATION NUMBER: 08/828,855  
 FILING DATE: 31-MAR-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Becker, Cheryl L.  
 REGISTRATION NUMBER: 35,441  
 REFERENCE/DOCKET NUMBER: 6065.US.P1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 847/935-1729  
 TELEFAX: 847/938-2623  
 TELEX: <Unknown>  
 INFORMATION FOR SEQ ID NO: 47:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 215 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: No. 6660834e  
 SEQUENCE DESCRIPTION: SEQ ID NO: 47:  
 US-10-278-547-47

Query Match 58.6%; Score 34; DB 4; Length 215;  
 Best Local Similarity 60.0%; Pred. No. 1.1e+02;  
 Matches 6; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 2 VDNLPBRK 11  
 ||:|:|:|  
 Db 160 VDSAPGGRK 169

RESULT 36  
 US-08-857-534-12  
 ; Sequence 12, Application US/08857534  
 ; Patent No. 6087170  
 ; GENERAL INFORMATION:

APPLICANT: George W. Kemble  
 TITLE OF INVENTION: A No. 6087170e1 VZV Gene, Mutant VZV and Immunogenic  
 TITLE OF INVENTION: Compositions  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Cooley Godward Castro Huddleson & Tatum  
 STREET: 5 Palo Alto Square  
 CITY: Palo Alto  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94306  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/857,534  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/235,406  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Luann Cserr  
 REGISTRATION NUMBER: 31,822  
 REFERENCE/DOCKET NUMBER: AVIR-004/000US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415-843-5165  
 TELEFAX: 415-857-0663  
 TELEX: 380816 CooleyPA  
 INFORMATION FOR SEQ ID NO: 12:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 223 amino acids  
 TYPE: amino acid  
 TOPOLOGY: unknown  
 MOLECULE TYPE: Protein  
 US-08-857-534-12

Query Match 58.6%; Score 34; DB 3; Length 223;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 6 PPRRX 11  
 |||||  
 Db 44 PPRRX 49

RESULT 37  
 PCT-US95-04971-12  
 ; Sequence 12, Application PC/TUS9504971  
 ; GENERAL INFORMATION:  
 APPLICANT: George W. Kemble  
 TITLE OF INVENTION: A Novel VZV Gene, Mutant VZV and Immunogenic  
 TITLE OF INVENTION: Compositions  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Cooley Godward Castro Huddleson & Tatum  
 STREET: 5 Palo Alto Square  
 CITY: Palo Alto  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94306  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US95/04971  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/235,406  
FILING DATE: APRIL 28, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Luann Cseert  
REGISTRATION NUMBER: 31,822  
REFERENCE/DOCKET NUMBER: AVIR-004/00WO  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-843-5165  
TELEFAX: 415-857-0663  
TELEX: 380816 COOLEYPA  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 223 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: Protein  
PCT-US95-04971-12

Query Match 58.6%; Score 34; DB 5; Length 223;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 PPRR 11  
DB 44 PPRR 49

RESULT 38  
US-09-247-373B-48  
Sequence 48; Application US/09247373B  
Patent No. 6168954  
GENERAL INFORMATION:  
APPLICANT: MCGONIGLE, BRIAN  
APPLICANT: O'KEEFE, DANIEL  
TITLE OF INVENTION: SOYBEAN GLUTATHIONE-S-TRANSFERASE ENZYMES  
FILE REFERENCE: CL-1108-A  
CURRENT APPLICATION NUMBER: US/09/247,373B  
CURRENT FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 08/924,747  
PRIOR FILING DATE: 1997-09-05  
NUMBER OF SEQ ID NOS: 56  
SOFTWARE: Microsoft Office 97  
SEQ ID NO 48  
LENGTH: 229  
TYPE: PRT  
ORGANISM: SOYBEAN  
US-09-247-373B-48

Query Match 58.6%; Score 34; DB 3; Length 229;  
Best Local Similarity 62.5%; Pred. No. 1.2e+02;  
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 3 DNLPPRR 10  
DB 200 DNLPPRR 207

RESULT 39  
US-09-543-681A-6224  
Sequence 6224; Application US/09543681A  
Patent No. 6605709  
GENERAL INFORMATION:  
APPLICANT: GARY BRETON  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS  
FILE REFERENCE: 2709, 1003-001  
CURRENT APPLICATION NUMBER: US/09/543,681A  
CURRENT FILING DATE: 2000-04-05  
PRIOR APPLICATION NUMBER: US 60/128,706  
PRIOR FILING DATE: 1999-04-09  
NUMBER OF SEQ ID NOS: 8344  
SEQ ID NO 6224  
LENGTH: 234

TYPE: PRT  
ORGANISM: Proteus mirabilis  
US-09-543-681A-6224

Query Match 58.6%; Score 34; DB 4; Length 234;  
Best Local Similarity 66.7%; Pred. No. 1.2e+02;  
Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VDNLPPRR 10  
DB 171 IDLTPRR 179

RESULT 40  
US-09-252-991A-32653  
Sequence 32653; Application US/09252991A  
Patent No. 6551795  
GENERAL INFORMATION:  
APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
FILE REFERENCE: 107196,136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
CURRENT FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 32653  
LENGTH: 304  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-32653

Query Match 58.6%; Score 34; DB 4; Length 304;  
Best Local Similarity 70.0%; Pred. No. 1.6e+02;  
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 SYDNLPPRR 10  
DB 250 SGDRJPPRR 259

Search completed: May 6, 2004, 16:50:53  
Job time : 3.50215 secs



GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: May 6, 2004, 16:47:47 ; Search time 6.51502 Seconds

(without alignments)  
468.645 Million cell updates/sec

Title: US-09-727-739B-18

Perfect score: 58

Sequence: 1 SVDNLPFRERK 11

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1140673 seqs, 277566755 residues

Total number of hits satisfying chosen parameters: 1140673

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:\*

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2: /cgn2\_6/ptodata/1/pubppaa/PC1\_NEW\_PUB.pep:\*

3: /cgn2\_6/ptodata/1/pubppaa/US06\_NEW\_PUB.pep:\*

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6: /cgn2\_6/ptodata/1/pubppaa/PC1US\_PUBCOMB.pep:\*

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9: /cgn2\_6/ptodata/1/pubppaa/US09\_PUBCOMB.pep:\*

10: /cgn2\_6/ptodata/1/pubppaa/US09C\_PUBCOMB.pep:\*

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13: /cgn2\_6/ptodata/1/pubppaa/US10A\_PUBCOMB.pep:\*

14: /cgn2\_6/ptodata/1/pubppaa/US10B\_PUBCOMB.pep:\*

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16: /cgn2\_6/ptodata/1/pubppaa/US10C\_PUBCOMB.pep:\*

17: /cgn2\_6/ptodata/1/pubppaa/US60\_NEW\_PUB.pep:\*

18: /cgn2\_6/ptodata/1/pubppaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	58	100.0	11	12	US-09-727-739B-18
2	58	100.0	25	12	US-09-727-739B-16
3	58	100.0	11	12	US-09-727-739B-15
4	49	84.5	125	12	US-09-727-739B-37
5	45	77.6	14	12	US-09-727-739B-12
6	45	77.6	28	12	US-09-727-739B-10
7	45	77.6	115	12	US-09-727-739B-9
8	39	67.2	58	12	US-10-424-599-155683
9	39	67.2	206	12	US-10-424-599-159881
10	39	67.2	208	12	US-10-424-599-223133
11	39	67.2	212	12	US-10-424-599-223100
12	39	67.2	224	12	US-10-424-599-188856
13	39	67.2	224	12	US-10-424-599-223155
14	39	67.2	312	12	US-10-282-122A-49432
15	39	67.2	370	14	US-10-238-075-1044

16	39	67.2	663	12	US-10-425-114-66805	Sequence 66805, A
17	38	65.5	33	9	US-09-050-516-46	Sequence 46, Appl
18	38	65.5	33	12	US-10-646-873-46	Sequence 46, Appl
19	38	65.5	33	14	US-10-278-547-46	Sequence 46, Appl
20	38	65.5	53	12	US-10-424-599-258255	Sequence 258255
21	38	65.5	197	9	US-09-764-860-343	Sequence 343, Appl
22	38	65.5	197	14	US-10-074-895-343	Sequence 343, Appl
23	38	65.5	197	15	US-10-212-872-343	Sequence 343, Appl
24	38	65.5	198	15	US-10-369-493-10455	Sequence 10495, A
25	38	65.5	649	15	US-10-369-493-3994	Sequence 3994, Ap
26	37	63.8	73	12	US-10-412-699B-874	Sequence 874, Appl
27	37	63.8	73	14	US-10-278-173-62	Sequence 62, Appl
28	37	63.8	73	15	US-10-302-267-184	Sequence 184, Appl
29	37	63.8	76	12	US-10-225-066A-960	Sequence 960, Appl
30	37	63.8	76	15	US-10-374-780A-2604	Sequence 2604, Ap
31	37	63.8	100	12	US-10-425-114-37075	Sequence 37075, A
32	37	63.8	117	14	US-10-156-761-11847	Sequence 11847, A
33	37	63.8	338	12	US-10-425-114-67589	Sequence 67589, A
34	37	63.8	339	15	US-10-369-493-661	Sequence 661, Appl
35	37	63.8	484	12	US-10-282-122A-65111	Sequence 65111, A
36	37	63.8	484	12	US-10-282-122A-65706	Sequence 65706, A
37	37	63.8	1311	15	US-10-369-493-5939	Sequence 5939, Ap
38	37	63.8	1955	14	US-10-174-677-39	Sequence 39, Appl
39	37	63.8	1972	15	US-10-085-198-20	Sequence 20, Appl
40	37	63.8	1973	15	US-10-085-198-18	Sequence 18, Appl
41	36	62.1	123	12	US-10-424-599-193486	Sequence 193486, A
42	36	62.1	184	12	US-10-282-122A-67149	Sequence 67149, A
43	36	62.1	274	12	US-10-282-122A-72762	Sequence 72762, A
44	36	62.1	304	12	US-10-424-599-280749	Sequence 280749, A
45	36	62.1	353	12	US-10-425-114-63959	Sequence 63959, A

## ALIGNMENTS

RESULT 1

US-09-727-739B-18

Sequence 18, Application US/09727739B

Publication No. US20010025097A1

GENERAL INFORMATION:

APPLICANT: Sheridan, Mark

APPLICANT: Kittleson, Jeffrey

APPLICANT: Moore, Craig

TITLE OF INVENTION: Somatostatin and Methods

FILE REFERENCE: 255.00040101

CURRENT APPLICATION NUMBER: US/09/727,739B

CURRENT FILING DATE: 2000-12-01

PRIOR APPLICATION NUMBER: US 60/166,934

PRIOR FILING DATE: 1999-12-03

NUMBER OF SEQ ID NOS: 52

SOFTWARE: PatentIn version 3.0

SEQ ID NO 18

LENGTH: 11

TYPE: PRT

ORGANISM: Oncohychnus mykiss

US-09-727-739B-18

Query Match

Best Local Similarity 100.0%; Score 58; DB 12; Length 11;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SVDNLPFRERK 11

DB 1 SVDNLPFRERK 11

RESULT 2

US-09-727-739B-16

Sequence 16, Application US/09727739B

Publication No. US20010025097A1

GENERAL INFORMATION:

APPLICANT: Sheridan, Mark

APPLICANT: Kittleson, Jeffrey



RESULT 9  
US-10-424-599-189981  
; Sequence 189981, Application US/10424599  
; Publication No. US20040031072A1  
; GENERAL INFORMATION:  
; APPLICANT: La Rosa Thomas J  
; APPLICANT: Kovalic David K  
; APPLICANT: Zhou Yihua

```

RESULT 11
US-10-424-599-223100
; Sequence 223100, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 223100
; LENGTH: 212

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TYPE: PRT  
ORGANISM: Glycine max  
FEATURE:  
OTHER INFORMATION: Clone ID: PAT\_MRT3847\_4348C.1.pep  
US-10-424-599-223100

Query Match  
Best Local Similarity 67.2%; Score 39; DB 12; Length 212;  
Pred. No. 1.1e+02;  
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

CY 3 DNLPRR 10  
DB 183 DNLPRDX 190

RESULT 12  
US-10-424-599-188856  
Sequence 188856, Application US/10424599  
Publication No. US20040031072A1  
GENERAL INFORMATION:  
APPLICANT: La Rosa Thomas J  
APPLICANT: Kovalic David K  
APPLICANT: Zhou Yihua  
APPLICANT: Cao Yongwei  
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With  
FILE REFERENCE: 38-21(53223)B  
CURRENT APPLICATION NUMBER: US/10/424,599  
CURRENT FILING DATE: 2003-04-28  
NUMBER OF SEQ ID NOS: 285684  
SEQ ID NO 188856  
LENGTH: 224  
TYPE: PRT  
ORGANISM: Glycine max  
FEATURE:  
OTHER INFORMATION: Clone ID: PAT\_MRT3847\_141551C.1.pep  
US-10-424-599-188856

Query Match  
Best Local Similarity 67.2%; Score 39; DB 12; Length 224;  
Pred. No. 1.1e+02;  
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

CY 3 DNLPRR 10  
DB 202 DNLPRDX 209

RESULT 13  
US-10-424-599-223155  
Sequence 223155, Application US/10424599  
Publication No. US20040031072A1  
GENERAL INFORMATION:  
APPLICANT: La Rosa Thomas J  
APPLICANT: Kovalic David K  
APPLICANT: Zhou Yihua  
APPLICANT: Cao Yongwei  
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With  
FILE REFERENCE: 38-21(53223)B  
CURRENT APPLICATION NUMBER: US/10/424,599  
CURRENT FILING DATE: 2003-04-28  
NUMBER OF SEQ ID NOS: 285684  
SEQ ID NO 223155  
LENGTH: 224  
TYPE: PRT  
ORGANISM: Glycine max  
FEATURE:  
OTHER INFORMATION: Clone ID: PAT\_MRT3847\_4353C.1.pep  
US-10-424-599-223155

Query Match  
Best Local Similarity 67.2%; Score 39; DB 12; Length 224;  
Pred. No. 1.1e+02;  
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

CY 3 DNLPRR 10  
DB 199 DNLPRDX 206

RESULT 14  
US-10-282-122A-49432  
Sequence 49432, Application US/10282122A  
Publication No. US20040029129A1  
GENERAL INFORMATION:  
APPLICANT: Wang, Liangsu  
APPLICANT: Zamudio, Carlos  
APPLICANT: Malone, Cheryl  
APPLICANT: Haselbeck, Robert  
APPLICANT: Ohlsen, Kari  
APPLICANT: Zyskind, Judith  
APPLICANT: Wall, Daniel  
APPLICANT: Trawick, John  
APPLICANT: Carr, Grant  
APPLICANT: Yamamoto, Robert  
APPLICANT: Forsyth, R.  
APPLICANT: Xu, H.  
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms  
FILE REFERENCE: ELITRA.034A  
CURRENT APPLICATION NUMBER: US/10/282,122A  
CURRENT FILING DATE: 2003-02-20  
PRIOR APPLICATION NUMBER: 60/191,078  
PRIOR FILING DATE: 2000-03-21  
PRIOR APPLICATION NUMBER: 60/206,848  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 60/207,727  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: 60/230,335  
PRIOR FILING DATE: 2000-09-06  
PRIOR APPLICATION NUMBER: 60/230,347  
PRIOR FILING DATE: 2000-09-09  
PRIOR APPLICATION NUMBER: 60/242,578  
PRIOR FILING DATE: 2000-10-23  
PRIOR APPLICATION NUMBER: 60/253,625  
PRIOR FILING DATE: 2000-11-27  
PRIOR APPLICATION NUMBER: 60/257,931  
PRIOR FILING DATE: 2000-12-22  
PRIOR APPLICATION NUMBER: 60/267,636  
PRIOR FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: 60/269,308  
PRIOR FILING DATE: 2001-02-16  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 78614  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 49432  
LENGTH: 312  
TYPE: PRT  
ORGANISM: Burkholderia fungorum  
US-10-282-122A-49432

Query Match  
Best Local Similarity 67.2%; Score 39; DB 12; Length 312;  
Pred. No. 1.7e+02;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 2 DNLPRR 8  
DB 44 DNLPRR 50

RESULT 15  
US-10-238-075-1044  
Sequence 1044, Application US/10238075  
Publication No. US20030148324A1  
GENERAL INFORMATION:  
APPLICANT: I.N.S.B.R.M.  
TITLE OF INVENTION: Polynucleotides which are of nature B2/D+ A- and which are iso:  
TITLE OF INVENTION: E.coli, and biological uses of these polynucleotides and of the

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FILE REFERENCE: BLANDINE
CURRENT APPLICATION NUMBER: US/10/238,075
CURRENT FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: 0003145
PRIOR FILING DATE: 2000-03-10
NUMBER OF SEQ ID NOS: 1576
SOFTWARE: Patent version 3.1
SEQ ID NO 1044
LENGTH: 370
TYPE: PRT
ORGANISM: Escherichia coli
US-10-238-075-1044

Query Match
Best Local Similarity 100.0%; Score 39; DB 14; Length 370;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VDNLPPR 8
DB 169 VDNLPPR 175

RESULT 16
US-10-425-114-66805
Sequence 66805, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jindong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53313) B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 66805
LENGTH: 663
TYPE: PRT
ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: LIB4746-072-G9_Fri pep
US-10-425-114-66805

Query Match
Best Local Similarity 67.2%; Score 39; DB 12; Length 663;
Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2 VDNLPPR 11
DB 383 IDSLPSEPR 392

RESULT 17
US-09-050-516-46
Sequence 46, Application US/09050516
Patent No. US20010010904A1
GENERAL INFORMATION:
APPLICANT: BILLING-MEDEL, PATRICIA
APPLICANT: COHEN, MAURICE
APPLICANT: COLPITTS, TRACEY L.
APPLICANT: FRIEDMAN, PAULA N.
APPLICANT: GORDON, JULIAN
APPLICANT: GRANADOS, EDWARD N.
APPLICANT: HAYDEN, MARK
APPLICANT: HODGES, STEVEN C.
APPLICANT: KLAAS, MICHAEL R.
APPLICANT: KRATOCHVIL, JON D.
APPLICANT: ROBERTS-RAFF, LISA
APPLICANT: RUSSELL, JOHN C.
```

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APPLICANT: STROUPE, STEPHEN D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE GASTROINTESTINAL
TRACT
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESS: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/050,516
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/828,855
FILING DATE: 31-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6065.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: No. US20010010904A1e
US-09-050-516-46

Query Match
Best Local Similarity 65.5%; Score 38; DB 9; Length 33;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 SYDNLPPR 11
DB 3 SYDSAPRQGR 13

RESULT 18
US-10-646-873-46
Sequence 46, Application US/10646873
Publication No. US2004003406A1
GENERAL INFORMATION:
APPLICANT: BILLING-MEDEL, PATRICIA
APPLICANT: COHEN, MAURICE
APPLICANT: COLPITTS, TRACEY L.
APPLICANT: FRIEDMAN, PAULA N.
APPLICANT: GORDON, JULIAN
APPLICANT: GRANADOS, EDWARD N.
APPLICANT: HAYDEN, MARK
APPLICANT: HODGES, STEVEN C.
APPLICANT: KLAAS, MICHAEL R.
APPLICANT: KRATOCHVIL, JON D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE GASTROINTESTINAL
TRACT
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESS: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
```

STATE: IL  
COUNTRY: USA  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/646,873  
FILING DATE: 22-AUG-2003  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/050,516  
FILING DATE: 30-MAR-1998  
APPLICATION NUMBER: 08/828,855  
FILING DATE: 31-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Becker, Cheryl L.  
REGISTRATION NUMBER: 35,441  
REFERENCE/DOCKET NUMBER: 6065.US.P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 847/935-1729  
TELEFAX: 847/938-2623  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 33 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: NO. US20040043406A1e  
SEQUENCE DESCRIPTION: SEQ ID NO: 46:  
US-10-646-873-46

Query Match 65.5%; Score 38; DB 12; Length 33;  
Best Local Similarity 63.6%; Pred. No. 25;  
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 SVDNLPFRERK 11  
Db 3 SVDSAPFGQRK 13

RESULT 19  
US-10-278-547-46  
Sequence 46, Application US/10278547  
Publication No. US20030082619A1  
GENERAL INFORMATION:  
APPLICANT: BILLING-MEDEL, PATRICIA  
COLETTIS, TRACEY L.  
FRIEDMAN, PAULA N.  
GORDON, JULIAN  
GRANADOS, EDWARD N.  
HAYDEN, MARK  
HODGES, STEVEN R.  
KLASS, MICHAEL R.  
KRATOCHVIL, JON D.  
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE GASTROINTESTINAL  
TRACT  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Abbott Laboratories  
STREET: 100 Abbott Park Road  
CITY: Abbott Park  
STATE: IL  
COUNTRY: USA  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/278,547  
FILING DATE: 23-OCT-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/050,516  
FILING DATE: <Unknown>  
APPLICATION NUMBER: 08/828,855  
FILING DATE: 31-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Becker, Cheryl L.  
REGISTRATION NUMBER: 35,441  
REFERENCE/DOCKET NUMBER: 6065.US.P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 847/935-1729  
TELEFAX: 847/938-2623  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 33 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: NO. US20030082619A1e  
SEQUENCE DESCRIPTION: SEQ ID NO: 46:  
US-10-278-547-46

Query Match 65.5%; Score 38; DB 14; Length 33;  
Best Local Similarity 63.6%; Pred. No. 25;  
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 SVDNLPFRERK 11  
Db 3 SVDSAPFGQRK 13

RESULT 20  
US-10-424-599-258255  
Sequence 258255, Application US/10424599  
Publication No. US20040031072A1  
GENERAL INFORMATION:  
APPLICANT: La Rosa, Thomas J  
Kovalic, David K  
APPLICANT: Zhou Yihua  
APPLICANT: Cao Yongwei  
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With  
Plants and Uses Thereof for Plant Improvement  
FILE REFERENCE: 38-21(53223)B  
CURRENT APPLICATION NUMBER: US/10/424,599  
CURRENT FILING DATE: 2003-04-28  
NUMBER OF SEQ ID NOS: 285684  
SEQ ID NO 258255  
LENGTH: 53  
TYPE: PRT  
ORGANISM: Glycine max  
FEATURE:  
OTHER INFORMATION: Clone ID: PAT\_MRT3847\_75228C.1.pep  
US-10-424-599-258255

Query Match 65.5%; Score 38; DB 12; Length 53;  
Best Local Similarity 50.0%; Pred. No. 40;  
Matches 5; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 2 VDNLPFRERK 11  
Db 26 IDSLPFGQRK 35

RESULT 21  
US-09-764-860-343  
Sequence 343, Application US/09764860

Patent No. US20020094953A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
FILE REFERENCE: PC008  
CURRENT APPLICATION NUMBER: US/09/764,860  
CURRENT FILING DATE: 2001-01-17  
Prior application data removed - consult PALM or file wrapper  
NUMBER OF SEQ ID NOS: 1198  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 343  
LENGTH: 197  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (53)  
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
NAME/KEY: SITE  
LOCATION: (97)  
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
US-09-764-860-343

Query Match 65.5%; Score 38; DB 9; Length 197;  
Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1 SVNLAPP 7  
DB 174 SVNLAPP 180

RESULT 22  
US-10-074-095-343  
Sequence 343, Application US/10074095  
Publication No. US20030077704A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
FILE REFERENCE: PC008C1  
CURRENT APPLICATION NUMBER: US/10/074,095  
CURRENT FILING DATE: 2002-02-14  
PRIOR APPLICATION NUMBER: 09/764,860  
PRIOR FILING DATE: 2001-01-17  
PRIOR APPLICATION NUMBER: 60/179,065  
PRIOR FILING DATE: 2000-01-31  
PRIOR APPLICATION NUMBER: 60/180,628  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: 60/214,886  
PRIOR FILING DATE: 2000-06-28  
PRIOR APPLICATION NUMBER: 60/217,487  
PRIOR FILING DATE: 2000-07-11  
PRIOR APPLICATION NUMBER: 60/225,758  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/220,963  
PRIOR FILING DATE: 2000-07-26  
PRIOR APPLICATION NUMBER: 60/217,496  
PRIOR FILING DATE: 2000-07-11  
PRIOR APPLICATION NUMBER: 60/225,447  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/218,290  
PRIOR FILING DATE: 2000-07-14  
PRIOR APPLICATION NUMBER: 60/225,757  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/226,868  
PRIOR FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 60/216,647  
PRIOR FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: 60/225,267  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/216,880  
PRIOR FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: 60/225,270

PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/251,869  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/235,834  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: 60/234,274  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: 60/234,223  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: 60/228,924  
PRIOR FILING DATE: 2000-08-30  
PRIOR APPLICATION NUMBER: 60/224,518  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/236,369  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/224,519  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/220,964  
PRIOR FILING DATE: 2000-07-26  
PRIOR APPLICATION NUMBER: 60/241,809  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/249,299  
PRIOR FILING DATE: 2000-11-17  
PRIOR APPLICATION NUMBER: 60/236,327  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/241,785  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/244,617  
PRIOR FILING DATE: 2000-11-01  
PRIOR APPLICATION NUMBER: 60/225,268  
PRIOR FILING DATE: 2000-08-14  
PRIOR APPLICATION NUMBER: 60/236,368  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/251,856  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/251,868  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/229,344  
PRIOR FILING DATE: 2000-09-01  
PRIOR APPLICATION NUMBER: 60/234,997  
PRIOR FILING DATE: 2000-09-25  
PRIOR APPLICATION NUMBER: 60/229,343  
PRIOR FILING DATE: 2000-09-01  
PRIOR APPLICATION NUMBER: 60/229,345  
PRIOR FILING DATE: 2000-09-01  
PRIOR APPLICATION NUMBER: 60/229,287  
PRIOR FILING DATE: 2000-09-01  
PRIOR APPLICATION NUMBER: 60/229,513  
PRIOR FILING DATE: 2000-09-05  
PRIOR APPLICATION NUMBER: 60/231,413  
PRIOR FILING DATE: 2000-09-08  
PRIOR APPLICATION NUMBER: 60/229,509  
PRIOR FILING DATE: 2000-09-05  
PRIOR APPLICATION NUMBER: 60/236,367  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/237,039  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 60/237,038  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 60/236,370  
PRIOR FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/236,802  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 60/237,037  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 60/237,040  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 60/240,960  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/239,935  
PRIOR FILING DATE: 2000-10-13  
PRIOR APPLICATION NUMBER: 60/239,937  
PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: 60/241,787  
 PRIOR FILING DATE: 2000-10-20  
 PRIOR APPLICATION NUMBER: 60/246,474  
 PRIOR FILING DATE: 2000-11-08  
 PRIOR APPLICATION NUMBER: 60/246,532  
 PRIOR FILING DATE: 2000-11-08  
 PRIOR APPLICATION NUMBER: 60/249,216  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,210  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/226,681  
 PRIOR FILING DATE: 2000-08-22  
 PRIOR APPLICATION NUMBER: 60/225,759  
 PRIOR FILING DATE: 2000-08-14  
 PRIOR APPLICATION NUMBER: 60/225,213  
 PRIOR FILING DATE: 2000-08-14  
 PRIOR APPLICATION NUMBER: 60/227,182  
 PRIOR FILING DATE: 2000-08-22  
 PRIOR APPLICATION NUMBER: 60/225,214  
 PRIOR FILING DATE: 2000-08-14  
 PRIOR APPLICATION NUMBER: 60/235,836  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: 60/230,438  
 PRIOR FILING DATE: 2000-09-06  
 PRIOR APPLICATION NUMBER: 60/215,135  
 PRIOR FILING DATE: 2000-06-30  
 PRIOR APPLICATION NUMBER: 60/225,266  
 PRIOR FILING DATE: 2000-08-14  
 PRIOR APPLICATION NUMBER: 60/249,218  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,208  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,213  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,212  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,207  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,245  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,244  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,217  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,211  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,215  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,264  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,214  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/249,297  
 PRIOR FILING DATE: 2000-11-17  
 PRIOR APPLICATION NUMBER: 60/232,400  
 PRIOR FILING DATE: 2000-09-14  
 PRIOR APPLICATION NUMBER: 60/231,242  
 PRIOR FILING DATE: 2000-09-08  
 PRIOR APPLICATION NUMBER: 60/232,081  
 PRIOR FILING DATE: 2000-09-08  
 PRIOR APPLICATION NUMBER: 60/232,080  
 PRIOR FILING DATE: 2000-09-08  
 PRIOR APPLICATION NUMBER: 60/231,414  
 PRIOR FILING DATE: 2000-09-08  
 PRIOR APPLICATION NUMBER: 60/231,244  
 PRIOR FILING DATE: 2000-09-08  
 PRIOR APPLICATION NUMBER: 60/233,064  
 PRIOR FILING DATE: 2000-09-14  
 PRIOR APPLICATION NUMBER: 60/233,063  
 PRIOR FILING DATE: 2000-09-14  
 PRIOR APPLICATION NUMBER: 60/232,397  
 PRIOR FILING DATE: 2000-09-14  
 PRIOR APPLICATION NUMBER: 60/232,399

PRIOR FILING DATE: 2000-09-14  
 PRIOR APPLICATION NUMBER: 60/232,401  
 PRIOR FILING DATE: 2000-09-14  
 PRIOR APPLICATION NUMBER: 60/241,808  
 PRIOR FILING DATE: 2000-10-20  
 PRIOR APPLICATION NUMBER: 60/241,826  
 PRIOR FILING DATE: 2000-10-20  
 PRIOR APPLICATION NUMBER: 60/241,786  
 PRIOR FILING DATE: 2000-10-20  
 PRIOR APPLICATION NUMBER: 60/241,221  
 PRIOR FILING DATE: 2000-10-20  
 PRIOR APPLICATION NUMBER: 60/246,475  
 PRIOR FILING DATE: 2000-11-08  
 PRIOR APPLICATION NUMBER: 60/231,243  
 PRIOR FILING DATE: 2000-09-08

Query Match 65.5%; Score 38; DB 14; Length 197;  
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SVDNLP 7  
 DB 174 SVDNLP 180

RESULT 23  
 US-10-212-872-343  
 Sequence 343, Application US/10212872  
 Publication No. US20030215893A1  
 GENERAL INFORMATION:  
 APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
 FILE REFERENCE: PC008C2  
 CURRENT APPLICATION NUMBER: US/10/212,872  
 CURRENT FILING DATE: 2002-08-07  
 Prior application removed - See File Wrapper or Palm  
 NUMBER OF SEQ ID NOS: 1198  
 SOFTWARE: Patentin Ver. 2.0  
 SEQ ID NO 343  
 LENGTH: 197  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (53)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (97)  
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
 US-10-212-872-343

Query Match 65.5%; Score 38; DB 15; Length 197;  
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SVDNLP 7  
 DB 174 SVDNLP 180

RESULT 24  
 US-10-369-493-10495  
 Sequence 10495, Application US/10369493  
 Publication No. US20030233675A1  
 GENERAL INFORMATION:  
 APPLICANT: Cao, Yongwei  
 APPLICANT: Hinkle, Gregory J.  
 APPLICANT: Slater, Steven C.  
 APPLICANT: Goldman, Barry S.  
 APPLICANT: Chen, Xianfeng  
 TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF  
 TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES



```
FILE REFERENCE: 38-10(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 10495
LENGTH: 398
TYPE: PRT
ORGANISM: Sphingomonas aromaticivorans
US-10-369-493-10495

Query Match          65.5%; Score 38; DB 15; Length 398;
Best Local Similarity 63.6%; Pred. No. 3.2e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1 SVDNLPERRK 11
DB 41 AVDSLSPQERK 51

RESULT 25
US-10-369-493-3994
Sequence 3994; Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
FILE REFERENCE: 38-10(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 3994
LENGTH: 649
TYPE: PRT
ORGANISM: Neurospora crassa
US-10-369-493-3994

Query Match          65.5%; Score 38; DB 15; Length 649;
Best Local Similarity 66.7%; Pred. No. 5.2e+02;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 3 DNLPPRRK 11
DB 292 DELPPREKK 300

RESULT 26
US-10-412-699B-874
Sequence 874; Application US/10412699B
Publication No. US20040045049A1
GENERAL INFORMATION:
APPLICANT: Mendel Biotechnology, Inc.
APPLICANT: Zhang, James
APPLICANT: Fromm, Michael E.
APPLICANT: Heard, Jacqueline E.
APPLICANT: Riechmann, Jose Luis
APPLICANT: Adam, Luc J.
APPLICANT: Broun, Pierre E.
APPLICANT: Pineda, Omayra
APPLICANT: Reuber, T. Lynne
APPLICANT: Keddle, James S.
APPLICANT: Yu, Guo-Liang
APPLICANT: Jiang, Cai-Zhong
APPLICANT: Samaha, Raymond R.
APPLICANT: Pilgrim, Marsha L.
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APPLICANT: Creelman, Robert A.
APPLICANT: Dubell, Arnold N.
APPLICANT: Ratcliffe, Oliver
APPLICANT: Kumimoto, Roderick
APPLICANT: Sherman, Bradley K.
TITLE OF INVENTION: polynucleotides and polypeptides in plants
FILE REFERENCE: MBI-0048CIP
CURRENT APPLICATION NUMBER: US/10/412,699B
CURRENT FILING DATE: 2003-04-10
PRIOR APPLICATION NUMBER: 09/394,519
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: 09/489,376
PRIOR FILING DATE: 2000-01-21
PRIOR APPLICATION NUMBER: 09/506,720
PRIOR FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: 09/533,030
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/533,392
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/533,029
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/532,591
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/533,648
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/713,994
PRIOR FILING DATE: 2000-11-16
PRIOR APPLICATION NUMBER: 08/819,142
PRIOR FILING DATE: 2001-03-27
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2011
SOFTWARE: PatentIn version 3.2
SEQ ID NO 874
LENGTH: 73
TYPE: PRT
ORGANISM: Arabidopsis thaliana
FEATURE:
OTHER INFORMATION: G1395
US-10-412-699B-874

Query Match          63.8%; Score 37; DB 12; Length 73;
Best Local Similarity 75.0%; Pred. No. 82;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 4 NLPERRK 11
DB 45 NLPPRRKK 52

RESULT 27
US-10-278-173-62
Sequence 62; Application US/10278173
Publication No. US20030061637A1
GENERAL INFORMATION:
APPLICANT: Jiang, Cai-Zhong
APPLICANT: Broun, Pierre
APPLICANT: Riechmann, Jose-Luis
APPLICANT: Pineda, Omayra
APPLICANT: Zhang, James
APPLICANT: Yu, Guo-Liang
APPLICANT: Pilgrim, Marsha
APPLICANT: Keddle, James
APPLICANT: Heard, Jacqueline
APPLICANT: Reuber, Lynne
APPLICANT: Ratcliffe, Oliver
APPLICANT: Adam, Luc
APPLICANT: Samaha, Raymond
TITLE OF INVENTION: POLYNUCLEOTIDES FOR ROOT TRAIT ALTERATION
FILE REFERENCE: MBI-009
CURRENT APPLICATION NUMBER: US/10/278,173
CURRENT FILING DATE: 2002-10-21
PRIOR APPLICATION NUMBER: US/09/533,392
PRIOR FILING DATE: 2000-03-22
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PRIOR APPLICATION NUMBER: 60/125,814  
 PRIOR FILING DATE: 1999-03-23  
 NUMBER OF SEQ ID NOS: 177  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 62  
 LENGTH: 73  
 TYPE: PRT  
 ORGANISM: Arabidopsis thaliana  
 FEATURE:  
 OTHER INFORMATION: G1395  
 US-10-278-173-62

Query Match 63.8%; Score 37; DB 14; Length 73;  
 Best Local Similarity 75.0%; Pred. No. 82;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

OY 4 NLPERRK 11  
 DB 45 NLPERRKK 52

RESULT 28  
 US-10-302-267-184  
 Sequence 184, Application US/10302267  
 Publication No. US2003022915A1  
 GENERAL INFORMATION:  
 APPLICANT: Keddie, James  
 APPLICANT: Fromm, Michael  
 APPLICANT: Heard, Jacqueline  
 APPLICANT: Riechmann, Jose Luis  
 APPLICANT: Adam, Luc  
 APPLICANT: Broun, Pierre  
 APPLICANT: Pinada, Omlira  
 APPLICANT: Reuber, Lynne  
 APPLICANT: Zhang, James  
 APPLICANT: Yu, Guo-Liang  
 APPLICANT: Jiang, Cai-Zhong  
 APPLICANT: Samaha, Raymond  
 APPLICANT: Pilgrim, Marsha  
 APPLICANT: Creelman, Robert  
 TITLE OF INVENTION: PLANT GENE SEQUENCES II  
 FILE REFERENCE: MBI-0007  
 CURRENT APPLICATION NUMBER: US/10/302,267  
 CURRENT FILING DATE: 2002-11-22  
 PRIOR APPLICATION NUMBER: US/09/506,720  
 PRIOR FILING DATE: 2000-02-17  
 PRIOR APPLICATION NUMBER: 60/120,880  
 PRIOR FILING DATE: 1999-02-18  
 PRIOR APPLICATION NUMBER: 60/121,037  
 PRIOR FILING DATE: 1999-02-22  
 PRIOR APPLICATION NUMBER: 60/124,278  
 PRIOR FILING DATE: 1999-03-11  
 PRIOR APPLICATION NUMBER: 60/129,450  
 PRIOR FILING DATE: 1999-04-15  
 PRIOR APPLICATION NUMBER: 60/135,134  
 PRIOR FILING DATE: 1999-05-20  
 PRIOR APPLICATION NUMBER: 60/144,153  
 PRIOR FILING DATE: 1999-07-15  
 PRIOR APPLICATION NUMBER: 60/161,143  
 PRIOR FILING DATE: 1999-10-22  
 PRIOR APPLICATION NUMBER: 60/162,656  
 PRIOR FILING DATE: 1999-11-01  
 NUMBER OF SEQ ID NOS: 218  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 184  
 LENGTH: 73  
 TYPE: PRT  
 ORGANISM: Arabidopsis thaliana  
 FEATURE:  
 OTHER INFORMATION: G1395  
 US-10-302-267-184  
 Query Match 63.8%; Score 37; DB 15; Length 73;

Best Local Similarity 75.0%; Pred. No. 82;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

OY 4 NLPERRK 11  
 DB 45 NLPERRKK 52

RESULT 29  
 US-10-225-066A-960  
 Sequence 960, Application US/10225066A  
 Publication No. US20030226173A1  
 GENERAL INFORMATION:  
 APPLICANT: Mendel Biotechnology, Inc.  
 APPLICANT: RATCLIFFE, Oliver  
 APPLICANT: RIECHMANN, Jose Luis  
 APPLICANT: ADAM, Luc J  
 APPLICANT: DUBREIL, Arnold T  
 APPLICANT: HEARD, Jacqueline E  
 APPLICANT: PILGRIM, Marsha L  
 APPLICANT: JIANG, Cai-Zhong  
 APPLICANT: REUBER, T. Lynne  
 APPLICANT: CREELMAN, Robert A  
 APPLICANT: PINEDA, Omlira  
 APPLICANT: YU, Guo-Liang  
 APPLICANT: BROUN, Pierre E  
 TITLE OF INVENTION: Yield-Related Polynucleotides and Polypeptides in Plants  
 FILE REFERENCE: MBI0036-2 US  
 CURRENT APPLICATION NUMBER: US/10/225,066A  
 CURRENT FILING DATE: 2002-08-09  
 PRIOR APPLICATION NUMBER: 09/837,444  
 PRIOR FILING DATE: 2001-04-18  
 PRIOR APPLICATION NUMBER: 60/310,847  
 PRIOR FILING DATE: 2001-08-09  
 PRIOR APPLICATION NUMBER: 60/336,049  
 PRIOR FILING DATE: 2001-12-05  
 PRIOR APPLICATION NUMBER: 60/338,692  
 PRIOR FILING DATE: 2001-12-11  
 PRIOR APPLICATION NUMBER: 10/171,468  
 PRIOR FILING DATE: 2002-06-14  
 NUMBER OF SEQ ID NOS: 1122  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 960  
 LENGTH: 76  
 TYPE: PRT  
 ORGANISM: Arabidopsis thaliana  
 US-10-225-066A-960

Query Match 63.8%; Score 37; DB 12; Length 76;  
 Best Local Similarity 75.0%; Pred. No. 85;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

OY 4 NLPERRK 11  
 DB 48 NLPERRKK 55

RESULT 30  
 US-10-374-780A-2604  
 Sequence 2604, Application US/10374780A  
 Publication No. US2004001927A1  
 GENERAL INFORMATION:  
 APPLICANT: Sherman, Bradley K  
 APPLICANT: Riechmann, Jose Luis  
 APPLICANT: Jiang, Cai-Zhong  
 APPLICANT: Heard, Jacqueline E  
 APPLICANT: Haake, Volker  
 APPLICANT: CREELMAN, Robert A  
 APPLICANT: RATCLIFFE, Oliver  
 APPLICANT: ADAM, Luc J  
 APPLICANT: REUBER, T. Lynne  
 APPLICANT: KEDDIE, James  
 APPLICANT: BROUN, Pierre E

```

; APPLICANT: Pilgrim, Marsha L
; APPLICANT: Dubell III, Arnold T
; APPLICANT: Pineda, Omaira
; APPLICANT: Yu, Guo-Liang
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS
; FILE REFERENCE: MBI-0047.CIP
; CURRENT APPLICATION NUMBER: US/10/374,780A
; PRIOR FILING DATE: 2003-02-25
; PRIOR APPLICATION NUMBER: 09/837,944
; PRIOR FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: 60/310,847
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 09/934,455
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 60/336,049
; PRIOR FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/338,692
; PRIOR FILING DATE: 2001-12-11
; PRIOR APPLICATION NUMBER: 10/171,468
; PRIOR FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: 10/225,066
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/225,067
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/225,068
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 2906
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2604
; LENGTH: 76
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; OTHER INFORMATION: G1396
; US-10-374-780A-2604

Query Match      63.8%; Score 37; DB 15; Length 76;
Best Local Similarity 75.0%; Pred. No. 85;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      4 NLPERRK 11
DB      48 NLPERRKK 55

RESULT 31
US-10-425-114-37075
; Sequence 37075; Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 37075
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana nossen
; FEATURE:
; OTHER INFORMATION: Clone ID: LI33234-004-EL_FLI.pep
; US-10-425-114-37075

Query Match      63.8%; Score 37; DB 12; Length 100;
Best Local Similarity 75.0%; Pred. No. 1.le+02;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
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QY      4 NLPERRK 11
DB      72 NLPERRKK 79

RESULT 32
US-10-156-761-11847
; Sequence 11847; Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
; APPLICANT: OMURA, SATOSHI
; APPLICANT: IKEDA, HARUO
; APPLICANT: ISHIKAWA, JUN
; APPLICANT: HORIKAWA, HIROSHI
; APPLICANT: SHIBA, TADAYOSHI
; APPLICANT: SAKAKI, YOSHIYUKI
; APPLICANT: HATORI, MASAHIRA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-262
; CURRENT APPLICATION NUMBER: US/10/156,761
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: JP 2001-204089
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: JP 2001-272697
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 11847
; LENGTH: 117
; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
; US-10-156-761-11847

Query Match      63.8%; Score 37; DB 14; Length 117;
Best Local Similarity 66.7%; Pred. No. 1.3e+02;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      2 VDNLPERR 10
DB      65 VDHVPRKR 73

RESULT 33
US-10-425-114-67589
; Sequence 67589; Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jindong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 67589
; LENGTH: 338
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3153-011-G8_FLI.pep
; US-10-425-114-67589

Query Match      63.8%; Score 37; DB 12; Length 338;
Best Local Similarity 54.5%; Pred. No. 3.9e+02;
Matches 6; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      1 SVDNLPERRK 11
DB      1 SVDNLPERRK 11
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Db 16 SAQNLPPKHK 26

RESULT 34  
US-10-369-493-661  
Sequence 661, Application US/10369493  
Publication No. US20030233675A1  
GENERAL INFORMATION:  
APPLICANT: Cao, Yongwei  
APPLICANT: Hinkle, Gregory J.  
APPLICANT: Slater, Steven C.  
APPLICANT: Goldman, Barry S.  
APPLICANT: Chen, Xianheng  
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF  
FILE REFERENCE: 38-10(52052)B  
CURRENT FILING DATE: 2003-02-28  
CURRENT APPLICATION NUMBER: US/10/369,493  
PRIOR FILING DATE: 2002-02-21  
PRIOR APPLICATION NUMBER: US 60/360,039  
NUMBER OF SEQ ID NOS: 47374  
SEQ ID NO 661  
LENGTH: 339  
TYPE: PRT  
ORGANISM: Deinococcus radiodurans  
US-10-369-493-661

Query Match 63.8% Score 37; DB 15; Length 339;  
Best Local Similarity 63.6% Pred. No. 3.9e+02;  
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 SVDNLPKPRK 11  
Db 38 SLGKLPKPRK 48

RESULT 35  
US-10-282-122A-65111  
Sequence 65111, Application US/10282122A  
Publication No. US20040029129A1  
GENERAL INFORMATION:  
APPLICANT: Wang, Liangsu  
APPLICANT: Zamudio, Carlos  
APPLICANT: Malone, Cheryl  
APPLICANT: Haselbeck, Robert  
APPLICANT: Ohlsen, Kari  
APPLICANT: Zyskind, Judith  
APPLICANT: Wall, Daniel  
APPLICANT: Trawick, John  
APPLICANT: Carr, Grant  
APPLICANT: Yamamoto, Robert  
APPLICANT: Foreyth, R.  
APPLICANT: Xu, H.  
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms  
FILE REFERENCE: ELITRA.034A  
CURRENT APPLICATION NUMBER: US/10/282,122A  
PRIOR FILING DATE: 2003-02-20  
PRIOR APPLICATION NUMBER: 60/191,078  
PRIOR FILING DATE: 2000-03-21  
PRIOR APPLICATION NUMBER: 60/206,848  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 60/207,727  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: 60/230,335  
PRIOR FILING DATE: 2000-09-06  
PRIOR APPLICATION NUMBER: 60/230,347  
PRIOR FILING DATE: 2000-09-09  
PRIOR APPLICATION NUMBER: 60/242,578  
PRIOR FILING DATE: 2000-10-23  
PRIOR APPLICATION NUMBER: 60/253,625  
PRIOR FILING DATE: 2000-11-27  
PRIOR APPLICATION NUMBER: 60/257,931  
PRIOR FILING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: 60/267,636  
PRIOR FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: 60/269,308  
PRIOR FILING DATE: 2001-02-16  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 78614  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 65111  
LENGTH: 484  
TYPE: PRT  
ORGANISM: Neisseria gonorrhoeae  
US-10-282-122A-65111

Query Match 63.8% Score 37; DB 12; Length 484;  
Best Local Similarity 66.7% Pred. No. 5.7e+02;  
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2 VDNLPKPRK 10  
Db 77 LESLPKPRK 85

RESULT 36  
US-10-282-122A-65706  
Sequence 65706, Application US/10282122A  
Publication No. US20040029129A1  
GENERAL INFORMATION:  
APPLICANT: Wang, Liangsu  
APPLICANT: Zamudio, Carlos  
APPLICANT: Malone, Cheryl  
APPLICANT: Haselbeck, Robert  
APPLICANT: Ohlsen, Kari  
APPLICANT: Zyskind, Judith  
APPLICANT: Wall, Daniel  
APPLICANT: Trawick, John  
APPLICANT: Carr, Grant  
APPLICANT: Yamamoto, Robert  
APPLICANT: Foreyth, R.  
APPLICANT: Xu, H.  
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms  
FILE REFERENCE: ELITRA.034A  
CURRENT APPLICATION NUMBER: US/10/282,122A  
CURRENT FILING DATE: 2003-02-20  
PRIOR FILING DATE: 2000-03-21  
PRIOR APPLICATION NUMBER: 60/191,078  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 60/206,848  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: 60/207,727  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: 60/230,335  
PRIOR FILING DATE: 2000-09-06  
PRIOR APPLICATION NUMBER: 60/230,347  
PRIOR FILING DATE: 2000-09-09  
PRIOR APPLICATION NUMBER: 60/242,578  
PRIOR FILING DATE: 2000-10-23  
PRIOR APPLICATION NUMBER: 60/253,625  
PRIOR FILING DATE: 2000-11-27  
PRIOR APPLICATION NUMBER: 60/257,931  
PRIOR FILING DATE: 2000-12-22  
PRIOR APPLICATION NUMBER: 60/267,636  
PRIOR FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: 60/269,308  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 78614  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 65706  
LENGTH: 484  
TYPE: PRT  
ORGANISM: Neisseria meningitidis  
US-10-282-122A-65706

Query Match 63.8% Score 37; DB 12; Length 484;

Best Local Similarity 66.7%; Pred. No. 5.7e+02;  
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2 VDNLPRR 10  
: : : : :  
Db 77 LESLPRR 85

RESULT 37  
US-10-369-493-5939

; Sequence 5939, Application US/10369493  
; Publication No. US2003023675A1  
; GENERAL INFORMATION:  
; APPLICANT: Cao, Yongwei  
; APPLICANT: Hinkle, Gregory J.  
; APPLICANT: Slater, Steven C.  
; APPLICANT: Goldman, Barry S.  
; APPLICANT: Chen, Xianteng  
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF  
; FILE REFERENCE: 38-10(52052)B  
; CURRENT APPLICATION NUMBER: US/10/369,493  
; CURRENT FILING DATE: 2003-02-28  
; PRIOR APPLICATION NUMBER: US 60/360,039  
; PRIOR FILING DATE: 2002-02-21  
; NUMBER OF SEQ ID NOS: 47374  
; SEQ ID NO 5939  
; LENGTH: 1311  
; TYPE: PRT  
; ORGANISM: Caenorhabditis elegans  
US-10-369-493-5939

Query Match 63.8%; Score 37; DB 15; Length 1311;  
Best Local Similarity 75.0%; Pred. No. 1.6e+03;  
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 SVDNLPKR 8  
: : : : :  
Db 16 SLDNLPK 23

RESULT 38  
US-10-174-677-39

; Sequence 39, Application US/10174677  
; Publication No. US2003019070A1  
; GENERAL INFORMATION:  
; APPLICANT: Xie, Ting  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANCHORING STEM CELLS IN A MICROENVIR  
; FILE REFERENCE: 40716(IP-012)  
; CURRENT APPLICATION NUMBER: US/10/174,677  
; CURRENT FILING DATE: 2002-06-19  
; NUMBER OF SEQ ID NOS: 117  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 39  
; LENGTH: 1955  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-174-677-39

Query Match 63.8%; Score 37; DB 14; Length 1955;  
Best Local Similarity 54.5%; Pred. No. 2.4e+03;  
Matches 6; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 SVDNLPKR 11  
: : : : :  
Db 585 AADNAPPAERK 595

RESULT 39  
US-10-085-198-20  
; Sequence 20, Application US/10085198  
; Publication No. US20040009907A1  
; GENERAL INFORMATION:

; APPLICANT: Alsebrook et al.  
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same  
; FILE REFERENCE: 21402-279  
; CURRENT APPLICATION NUMBER: US/10/085,198  
; CURRENT FILING DATE: 2002-02-25  
; PRIOR APPLICATION NUMBER: 60/271,646  
; PRIOR FILING DATE: 2001-02-26  
; PRIOR APPLICATION NUMBER: 60/276,401  
; PRIOR FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: 60/311,981  
; PRIOR FILING DATE: 2001-08-13  
; PRIOR APPLICATION NUMBER: 60/312,858  
; PRIOR FILING DATE: 2001-08-16  
; PRIOR APPLICATION NUMBER: 60/271,840  
; PRIOR FILING DATE: 2001-02-27  
; PRIOR APPLICATION NUMBER: 60/277,324  
; PRIOR FILING DATE: 2001-03-20  
; PRIOR APPLICATION NUMBER: 60/286,096  
; PRIOR FILING DATE: 2001-04-21  
; PRIOR APPLICATION NUMBER: 60/299,695  
; PRIOR FILING DATE: 2001-06-20  
; PRIOR APPLICATION NUMBER: 60/315,614  
; PRIOR FILING DATE: 2001-08-29  
; PRIOR APPLICATION NUMBER: 60/272,405  
; PRIOR FILING DATE: 2001-02-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 653  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 20  
; LENGTH: 1972  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-085-198-20

Query Match 63.8%; Score 37; DB 15; Length 1972;  
Best Local Similarity 54.5%; Pred. No. 2.4e+03;  
Matches 6; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 SVDNLPKR 11  
: : : : :  
Db 589 AADNAPPAERK 599

RESULT 40  
US-10-085-198-18

; Sequence 18, Application US/10085198  
; Publication No. US20040009907A1  
; GENERAL INFORMATION:  
; APPLICANT: Alsebrook et al.  
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same  
; FILE REFERENCE: 21402-279  
; CURRENT APPLICATION NUMBER: US/10/085,198  
; CURRENT FILING DATE: 2002-02-25  
; PRIOR APPLICATION NUMBER: 60/271,646  
; PRIOR FILING DATE: 2001-02-26  
; PRIOR APPLICATION NUMBER: 60/276,401  
; PRIOR FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: 60/311,981  
; PRIOR FILING DATE: 2001-08-13  
; PRIOR APPLICATION NUMBER: 60/312,858  
; PRIOR FILING DATE: 2001-08-16  
; PRIOR APPLICATION NUMBER: 60/271,840  
; PRIOR FILING DATE: 2001-02-27  
; PRIOR APPLICATION NUMBER: 60/277,324  
; PRIOR FILING DATE: 2001-03-20  
; PRIOR APPLICATION NUMBER: 60/286,096  
; PRIOR FILING DATE: 2001-04-21  
; PRIOR APPLICATION NUMBER: 60/299,695  
; PRIOR FILING DATE: 2001-06-20  
; PRIOR APPLICATION NUMBER: 60/315,614  
; PRIOR FILING DATE: 2001-08-29  
; PRIOR APPLICATION NUMBER: 60/272,405  
; PRIOR FILING DATE: 2001-02-28

Fri May 7 08:47:52 2004

us-09-727-739b-18.rapb

Page 14

; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 653  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 18  
; LENGTH: 1973  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-085-198-18

Query Match 63.8%; Score 37; DB 15; Length 1973;  
Best Local Similarity 54.5%; Pred. No. 2.4e+03;  
Matches 6; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

OY 1 SVDNLPFRERK 11  
: |||||:  
Db 590 AADNAPPRER 600

Search completed: May 6, 2004, 17:05:56  
Job time : 8.51502 secs

Fri May 7 08:47:52 2004

US-09-727-739B-19.ra1

Page 1

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OM protein - protein search, using sw model

Run on: May 6, 2004, 16:44:09 ; Search time 5.6867 Seconds  
(without alignments)  
226.959 Million cell updates/sec

Title: US-09-727-739B-19  
Perfect score: 122  
Sequence: 1 MEVSQIHCALALIGLALICSGQA 25

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA:  
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2: /cgn2\_6/prodata/2/iaa/5A\_COMB.pep:\*  
3: /cgn2\_6/prodata/2/iaa/5A\_COMB.pep:\*  
4: /cgn2\_6/prodata/2/iaa/5A\_COMB.pep:\*  
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6: /cgn2\_6/prodata/2/iaa/5A\_COMB.pep:\*

Pred. No. is the number of results predicted by chance a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	54	44.3	370	US-09-489-039A-10354	Sequence 10354, A
2	49	40.2	575	US-09-252-991A-26328	Sequence 26328, A
3	47	38.5	210	US-09-198-452A-641	Sequence 641, App
4	47	38.5	516	US-09-489-039A-7660	Sequence 7660, App
5	46	37.7	433	US-09-705-448-3	Sequence 3, Appl1
6	46	37.7	445	US-08-974-691-6	Sequence 6, Appl1
7	46	37.7	451	US-08-974-691-2	Sequence 2, Appl1
8	46	37.7	509	US-09-252-991A-22513	Sequence 22513, A
9	46	37.7	829	US-09-252-991A-28854	Sequence 28854, A
10	46	37.7	469	US-09-252-991A-25581	Sequence 25581, A
11	45	36.9	389	US-09-252-991A-31590	Sequence 31590, A
12	45	36.9	419	US-08-974-691-3	Sequence 3, Appl1
13	45	36.9	419	US-09-705-448-10	Sequence 10, Appl1
14	45	36.9	438	US-09-252-991A-16758	Sequence 16758, A
15	44.5	36.5	116	US-09-621-976-5268	Sequence 5268, App
16	44	36.1	296	US-09-252-991A-22293	Sequence 22293, A
17	44	36.1	350	US-08-637-670-25	Sequence 25, Appl1
18	44	36.1	375	US-09-489-039A-11261	Sequence 11261, A
19	43.5	35.7	91	US-09-134-000C-6575	Sequence 6575, App
20	43.5	35.7	91	US-09-134-000C-6683	Sequence 6683, App
21	43	35.2	249	US-09-105-343A-2	Sequence 2, Appl1
22	43	35.2	451	US-09-328-352-5922	Sequence 5922, App
23	42	34.4	81	US-08-469-667-14	Sequence 14, Appl1
24	42	34.4	81	US-08-224-110-14	Sequence 14, Appl1
25	42	34.4	81	PCT-US93-07289-14	Sequence 14, Appl1
26	42	34.4	89	US-09-543-681A-7500	Sequence 7500, App
27	42	34.4	113	US-09-198-452A-450	Sequence 450, App

28	42	34.4	266	4	US-09-252-991A-18046	Sequence 18046, A
29	42	34.4	395	1	US-08-723-938-3	Sequence 3, Appl1
30	42	34.4	395	2	US-09-080-538-3	Sequence 3, Appl1
31	42	34.4	395	4	US-09-387-413-3	Sequence 4, Appl1
32	42	34.4	420	3	US-09-008-271A-4	Sequence 8, Appl1
33	42	34.4	420	3	US-08-974-691-8	Sequence 1, Appl1
34	42	34.4	420	4	US-09-705-448-1	Sequence 5543, App
35	42	34.4	428	4	US-09-328-352-5543	Sequence 7902, App
36	42	34.4	478	4	US-09-489-039A-7902	Sequence 2, Appl1
37	42	34.4	1027	4	US-09-162-021B-2	Sequence 520, App
38	41	33.6	147	4	US-08-469-260A-520	Sequence 520, App
39	41	33.6	147	4	US-08-468-446-520	Sequence 520, App
40	41	33.6	147	4	US-08-467-344A-520	Sequence 520, App
41	41	33.6	147	4	US-08-467-344A-520	Sequence 520, App
42	41	33.6	485	1	US-08-453-956-15	Sequence 15, Appl1
43	41	33.6	485	1	US-08-086-631-15	Sequence 15, Appl1
44	41	33.6	485	2	US-08-452-930A-15	Sequence 15, Appl1
45	41	33.6	485	5	PCT-US93-08174-15	Sequence 13363, A
					US-09-489-039A-13363	

#### ALIGNMENTS

RESULT 1  
US-09-489-039A-10354  
; Sequence 10354, Application US/09489039A  
; Patent No. 6610636  
; GENERAL INFORMATION:  
; APPLICANT: Gary Breton et. al  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
; FILE REFERENCE: 2709,2004001  
; CURRENT FILING DATE: US/09/489,039A  
; PRIOR FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: US 60/117,747  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 14342  
; SEQ ID NO 10354  
; LENGTH: 370  
; TYPE: PRT  
; ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-10354

Query Match 44.3% Score 54; DB 4; Length 370;  
Best Local Similarity 45.8%; Pred No. 1.7;  
Matches 11; Conservative 6; Mismatches 7; Indels 0; Gaps 0;

QY 1 MEVSQIHCALALIGLALICSGQA 24  
DB 3 LRINAVHLAVCLPLALAGCGEPA 26

RESULT 2  
US-09-252-991A-26328  
; Sequence 26328, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196,116  
; CURRENT FILING DATE: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 26328  
; LENGTH: 575  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-26328

Fri May 7 08:47:52 2004

us-09-727-739b-19.ra1

Page 2

Query Match 40.2%; Score 49; DB 4; Length 575;  
Best Local Similarity 55.0%; Pred. No. 16;  
Matches 11; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

QY 6 HHCALALIGLALICSGAA 25  
DB 46 LHPLRLHPLALCAAGAA 65

RESULT 3  
US-09-198-452A-641  
Sequence 641, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Griffais, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
PRIOR FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 641  
LENGTH: 210  
TYPE: PRT  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-641

Query Match 38.5%; Score 47; DB 4; Length 210;  
Best Local Similarity 45.0%; Pred. No. 10;  
Matches 9; Conservative 5; Mismatches 6; Indels 0; Gaps 0;

QY 5 QHICALALIGLALICSGAA 24  
DB 48 EIASAIALIGLVAFCAAGAA 67

RESULT 4  
US-09-489-039A-7660  
Sequence 7660, Application US/09489039A  
Patent No. 6610836  
GENERAL INFORMATION:  
APPLICANT: Gary Breton et. al  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS  
FILE REFERENCE: 2709.2004001  
CURRENT APPLICATION NUMBER: US/09/489,039A  
PRIOR FILING DATE: 2000-01-27  
PRIOR APPLICATION NUMBER: US 60/117,747  
PRIOR FILING DATE: 1999-01-29  
NUMBER OF SEQ ID NOS: 14342  
SEQ ID NO 7660  
LENGTH: 516  
TYPE: PRT  
ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-7660

Query Match 38.5%; Score 47; DB 4; Length 516;  
Best Local Similarity 76.9%; Pred. No. 28;  
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 13 LGIALALICSGAA 25  
DB 324 LGIALALALCAAGAA 336

RESULT 5  
US-09-705-448-3  
Sequence 3, Application US/09705448  
Patent No. 6432690  
GENERAL INFORMATION:  
APPLICANT: Xu, Hong

APPLICANT: Bruno, Sandra A.  
APPLICANT: Eisenboss, Laura A.  
APPLICANT: Fogliano, Michael  
APPLICANT: Cohen, Victoria L.  
APPLICANT: Bandman, Olga  
TITLE OF INVENTION: HUMAN ASPARTIC PROTEASES  
FILE REFERENCE: PF-0458-1 CIP  
CURRENT APPLICATION NUMBER: US/09/705,448  
PRIOR FILING DATE: 2000-11-02  
PRIOR APPLICATION NUMBER: 09/116,641  
PRIOR FILING DATE: 1998-07-16  
PRIOR APPLICATION NUMBER: 09/008,271  
PRIOR FILING DATE: 1998-01-16  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 3  
LENGTH: 433  
TYPE: PRT  
ORGANISM: HOMO SAPIENS  
FEATURE:  
NAME/KEY: unsure  
LOCATION: 322  
OTHER INFORMATION: 2435410, EOS10703  
US-09-705-448-3

Query Match 37.7%; Score 46; DB 4; Length 433;  
Best Local Similarity 42.9%; Pred. No. 33;  
Matches 9; Conservative 3; Mismatches 9; Indels 0; Gaps 0;

QY 5 QHICALALIGLALICSGAA 25  
DB 259 QHMERVKVGSRLTCAAGAA 279

RESULT 6  
US-08-974-691-6  
Sequence 6, Application US/08974691  
Patent No. 6225103  
GENERAL INFORMATION:  
APPLICANT: Keolsch, Gerald  
APPLICANT: Lin, Xini  
APPLICANT: Tang, Jordan  
TITLE OF INVENTION: Cloning and Characterization of Napsin  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Patricia L. Pabst  
STREET: 2800 One Atlantic Center, 1201 W. Peachtree  
STREET: St.  
CITY: Atlanta  
STATE: GA  
COUNTRY: USA  
ZIP: 30309-3450  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,691  
FILING DATE: 20-NOV-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/031,196  
FILING DATE: 20-NOV-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/046,126  
FILING DATE: 09-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Pabst, Patricia L.  
REGISTRATION NUMBER: 31,284  
REFERENCE/DOCKET NUMBER: OMRF 166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404-873-8794



TELEFAX: 404-873-8795  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 445 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-974-691-6

Query Match 37.7%; Score 46; DB 3; Length 445;  
Best Local Similarity 42.9%; Pred. No. 34;  
Matches 9; Conservative 3; Mismatches 9; Indels 0; Gaps 0;

Qy 5 HICALALIGLALALICSGGA 25  
Db 259 QIMERVKVGSRITLCAQGA 279

RESULT 7  
US-08-974-691-2  
Sequence 2, Application US/08974691  
Patent No. 6225103  
GENERAL INFORMATION:  
APPLICANT: Keoltech, Gerald  
APPLICANT: Lin, Xianli  
APPLICANT: Tang, Jordan  
TITLE OF INVENTION: Cloning and Characterization of Napsin  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Patrea L. Pabst  
STREET: 2800 One Atlantic Center, 1201 W. Peachtree  
STREET: St.  
CITY: Atlanta  
STATE: GA  
COUNTRY: USA  
ZIP: 30309-3450  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,691  
FILING DATE: 20-NOV-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/031,196  
FILING DATE: 20-NOV-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/046,126  
FILING DATE: 09-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Pabst, Patrea L.  
REGISTRATION NUMBER: 31,284  
REFERENCE/DOCKET NUMBER: OMRF 166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404-873-8794  
TELEFAX: 404-873-8795  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 451 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-974-691-2

Query Match 37.7%; Score 46; DB 3; Length 451;

Best Local Similarity 42.9%; Pred. No. 35;  
Matches 9; Conservative 3; Mismatches 9; Indels 0; Gaps 0;

Qy 5 HICALALIGLALALICSGGA 25  
Db 259 QIMERVKVGSRITLCAQGA 279

RESULT 8  
US-09-252-991A-22513  
Sequence 22513, Application US/09252991A  
Patent No. 6551795  
GENERAL INFORMATION:  
APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
CURRENT FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 22513  
LENGTH: 509  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-22513

Query Match 37.7%; Score 46; DB 4; Length 509;  
Best Local Similarity 57.9%; Pred. No. 40;  
Matches 11; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

Qy 7 HICALALIGLALALICSGGA 25  
Db 196 HLPYPLGLFLALSTGAA 214

RESULT 9  
US-09-252-991A-28854  
Sequence 28854, Application US/09252991A  
Patent No. 6551795  
GENERAL INFORMATION:  
APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
CURRENT FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 28854  
LENGTH: 829  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-28854

Query Match 37.7%; Score 46; DB 4; Length 829;  
Best Local Similarity 42.1%; Pred. No. 69;  
Matches 8; Conservative 3; Mismatches 8; Indels 0; Gaps 0;

Qy 7 HICALALIGLALALICSGGA 25  
Db 482 HGIIGVSGIATCFCEYVAA 500

RESULT 10  
US-09-252-991A-25581  
Sequence 25581, Application US/09252991A

Patent No. 6551795  
GENERAL INFORMATION:  
APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
PRIOR FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 25581  
LENGTH: 469  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-25581

Query Match 37.3%; Score 45.5; DB 4; Length 469;  
Best Local Similarity 48.1%; Pred. No. 43;  
Matches 13; Conservative 5; Mismatches 4; Indels 5; Gaps 2;

QY 2 RVSOIH---CALMLGLALICSGQA 24  
DB 30 RMASLHSLRPVALA-LGLVLAGCNGS 55

RESULT 11  
US-09-252-991A-31590  
Sequence 31590, Application US/09252991A  
Patent No. 6551795  
GENERAL INFORMATION:  
APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
PRIOR FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 31590  
LENGTH: 389  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-31590

Query Match 36.9%; Score 45; DB 4; Length 389;  
Best Local Similarity 47.4%; Pred. No. 42;  
Matches 9; Conservative 2; Mismatches 8; Indels 0; Gaps 0;

QY 6 IHCAIALGLALICSGQA 24  
DB 34 IMCTRLISSATAVCSSAA 52

RESULT 12  
US-08-974-691-3  
Sequence 3, Application US/08974691  
Patent No. 6225103  
GENERAL INFORMATION:  
APPLICANT: Keolsch, Gerald  
APPLICANT: Lin, Xiali  
APPLICANT: Tang, Jordan  
TITLE OF INVENTION: Cloning and Characterization of Napsin  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Patrea L. Pabst  
STREET: 2800 One Atlantic Center, 1201 W. Peachtree  
STREET: St.

CITY: Atlanta  
STATE: GA  
COUNTRY: USA  
ZIP: 30309-3450  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,691  
FILING DATE: 20-NOV-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/031,196  
FILING DATE: 20-NOV-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/046,126  
FILING DATE: 09-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Pabst, Patrea L.  
REGISTRATION NUMBER: 31,284  
REFERENCE/DOCKET NUMBER: OMRP 166  
TELEPHONE: 404-873-8794  
TELEFAX: 404-873-8795  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 419 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-974-691-3

Query Match 36.9%; Score 45; DB 3; Length 419;  
Best Local Similarity 33.3%; Pred. No. 45;  
Matches 7; Conservative 6; Mismatches 8; Indels 0; Gaps 0;

QY 5 QIHCAIALGLALICSGQA 25  
DB 254 QVAMESVKVGTGLSLCQCS 274

RESULT 13  
US-09-705-448-10  
Sequence 10, Application US/09705448  
Patent No. 6432690  
GENERAL INFORMATION:  
APPLICANT: Xu, Hong  
APPLICANT: Bruno, Sandra A.  
APPLICANT: Eisenboss, Laura A.  
APPLICANT: Fogliano, Michael  
APPLICANT: Cohan, Victoria L.  
APPLICANT: Bandman, Olga  
TITLE OF INVENTION: HUMAN ASPARTIC PROTEASES  
FILE REFERENCE: PF-0458-1 CIP  
CURRENT APPLICATION NUMBER: US/09/705,448  
CURRENT FILING DATE: 2000-11-02  
PRIOR APPLICATION NUMBER: 09/116,641  
PRIOR FILING DATE: 1998-07-16  
PRIOR APPLICATION NUMBER: 09/008,271  
PRIOR FILING DATE: 1998-01-16  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 10  
LENGTH: 419  
TYPE: PRT  
ORGANISM: MUS MUSCULUS  
FEATURE:  
OTHER INFORMATION: 1906810, GenBank  
US-09-705-448-10

Query Match 36.9%; Score 45; DB 4; Length 419;

Best Local Similarity 33.3%; Pred. No. 45;

Matches 7; Conservative 6; Mismatches 8; Indels 0; Gaps 0;

QY 5 QHICALALIGLALAI-CSQGA 25

Db 254 QVHVESKVGSTGLSLCQGS 274

RESULT 14

US-09-252-991A-16758

Sequence 16758, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

FILE REFERENCE: 107196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

PRIOR FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 16758

LENGTH: 438

TYPE: PRT

ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-16758

Query Match 36.9%; Score 45; DB 4; Length 438;

Best Local Similarity 64.3%; Pred. No. 48;

Matches 9; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 7 HCALALIGLALAI-C 20

Db 302 YCAHALIGLAIKPC 315

RESULT 15

US-09-621-976-5268

Sequence 5268, Application US/09621976

Patent No. 6639063

GENERAL INFORMATION:

APPLICANT: Dumas Milne Edwards, J.B.

APPLICANT: Jobert, S.

TITLE OF INVENTION: ESTs and Encoded Human Proteins.

FILE REFERENCE: GENSET.054PR2

CURRENT APPLICATION NUMBER: US/09/621,976

CURRENT FILING DATE: 2000-07-21

NUMBER OF SEQ ID NOS: 19335

SOFTWARE: Patent.pm

SEQ ID NO 5268

LENGTH: 116

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: SIGNAL

LOCATION: -27...-1

US-09-621-976-5268

Query Match 36.5%; Score 44.5; DB 4; Length 116;

Best Local Similarity 47.6%; Pred. No. 13;

Matches 10; Conservative 4; Mismatches 6; Indels 1; Gaps 1;

QY 5 QHICALALIGLALAI-CSQGA 24

Db 5 RLOCALALSTVALGCVTGA 25

RESULT 16

US-09-252-991A-22293

Sequence 22293, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

FILE REFERENCE: 107196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

PRIOR FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 22293

LENGTH: 296

TYPE: PRT

ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-22293

Query Match 36.1%; Score 44; DB 4; Length 296;

Best Local Similarity 47.1%; Pred. No. 43;

Matches 8; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 8 CALALIGLALAI-CSQGA 24

Db 68 CAVSLIGLMLPASGA 84

RESULT 17

US-08-637-670-25

Sequence 25, Application US/08637670

Patent No. 6413521

GENERAL INFORMATION:

APPLICANT: MCMICHAEL-PHILLIPS et al.

TITLE OF INVENTION: Helminth Parasite Antigen with

NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSER: Barbara G. Ernst

STREET: 555 13TH STREET, NW Suite 701E

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/637,670

FILING DATE: 26-JUN-1996

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Ernst, Barbara G.

REGISTRATION NUMBER: 30,377

REFERENCE/DOCKET NUMBER: 1811-0232

TELEPHONE: 202-783-6040

TELEFAX: 202-783-6031

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 350 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-637-670-25

Query Match 36.1%; Score 44; DB 4; Length 350;

Best Local Similarity 42.1%; Pred. No. 53;

Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 1 MRVSGHICALGALAI 19  
DB 12 LRTPITSLGAIANAV 30

RESULT 18  
US-09-489-039A-11261

; Sequence 11261, Application US/09489039A  
; Patent No. 6610836

; GENERAL INFORMATION:  
; APPLICANT: Gary Breton et. al

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
; PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 2709.2004001

; CURRENT APPLICATION NUMBER: US/09/489,039A  
; CURRENT FILING DATE: 2000-01-27

; PRIOR APPLICATION NUMBER: US 60/117,747  
; PRIOR FILING DATE: 1999-01-29

; NUMBER OF SEQ ID NOS: 14342  
; SEQ ID NO 11261

; LENGTH: 375  
; TYPE: PRT

; ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-11261

Query Match 36.1%; Score 44; DB 4; Length 375;  
Best Local Similarity 50.0%; Pred. No. 57;

Matches 9; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 3 VSGHICALGALAI 20  
DB 264 LSELNGLALALALVC 281

RESULT 19  
US-09-134-000C-6575

; Sequence 6575, Application US/09134000C  
; Patent No. 6617156

; GENERAL INFORMATION:  
; APPLICANT: Lynn Doucette-Stamm et al

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 032796-032

; CURRENT APPLICATION NUMBER: US/09/134,000C  
; CURRENT FILING DATE: 1998-08-13

; PRIOR APPLICATION NUMBER: US 60/055,778  
; PRIOR FILING DATE: 1997-08-15

; NUMBER OF SEQ ID NOS: 6812  
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 6575  
; LENGTH: 91

; TYPE: PRT  
; ORGANISM: Enterococcus faecalis

US-09-134-000C-6575

Query Match 35.7%; Score 43.5; DB 4; Length 91;  
Best Local Similarity 44.0%; Pred. No. 14;

Matches 11; Conservative 5; Mismatches 6; Indels 3; Gaps 1;

QY 4 SQHICALG--LALAI 25  
DB 18 SQVILVILGLVSLVAVATGGA 42

RESULT 20  
US-09-134-000C-6683

; Sequence 6683, Application US/09134000C  
; Patent No. 6617156

; GENERAL INFORMATION:  
; APPLICANT: Lynn Doucette-Stamm et al

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

; TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 032796-032

; CURRENT APPLICATION NUMBER: US/09/134,000C  
; CURRENT FILING DATE: 1998-08-13

; PRIOR APPLICATION NUMBER: US 60/055,778  
; PRIOR FILING DATE: 1997-08-15

; NUMBER OF SEQ ID NOS: 6812  
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 6683  
; LENGTH: 91

; TYPE: PRT  
; ORGANISM: Enterococcus faecalis

US-09-134-000C-6683

Query Match 35.7%; Score 43.5; DB 4; Length 91;  
Best Local Similarity 44.0%; Pred. No. 14;  
Matches 11; Conservative 5; Mismatches 6; Indels 3; Gaps 1;

QY 4 SQHICALG--LALAI 25  
DB 18 SQVILVILGLVSLVAVATGGA 42

RESULT 21  
US-09-105-343A-2

; Sequence 2, Application US/09105343A  
; Patent No. 6207642

; GENERAL INFORMATION:  
; APPLICANT: WILEY, S.R.

; TITLE OF INVENTION: MEMBER OF THE TNF FAMILY USEFUL  
; IN THE TREATMENT AND DIAGNOSIS OF DISEASE  
; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:  
; ADDRESS: Abbott Laboratories

; STREET: 100 Abbott Park Road  
; CITY: Abbott Park

; STATE: IL  
; COUNTRY: USA

; ZIP: 60064-6050  
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible

; OPERATING SYSTEM: Windows  
; SOFTWARE: FastSeq for Windows Version 2.0b

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/105,343A  
; FILING DATE: 12-FEB-1998

; CLASSIFICATION:  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/US98/02859  
; FILING DATE: 12-FEB-1998

; ATTORNEY/AGENT INFORMATION:  
; NAME: BECKER, Cheryl L.

; REGISTRATION NUMBER: 35,441  
; REFERENCE/DOCKET NUMBER: 6048 US.P2

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 847-935-1725

; TELEFAX: 847-938-2623  
; TELEX:

; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:

; LENGTH: 249 amino acids  
; TYPE: amino acid

; STRANDEDNESS: single  
; TOPOLOGY: linear

; MOLECULE TYPE: No. 6207642e  
US-09-105-343A-2

Query Match 35.2%; Score 43; DB 3; Length 249;  
Best Local Similarity 62.5%; Pred. No. 51;

Matches 10; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 9 ALALGALAI 24

Db 31 ALACGLLALVLSGS 46

## RESULT 22

US-09-328-352-5922  
Sequence 5922 Application US/09328352  
Patent No. 6562938  
GENERAL INFORMATION:  
APPLICANT: Gary L. Breton et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER  
FILE REFERENCE: GTC99-03PA  
CURRENT APPLICATION NUMBER: US/09/328,352  
CURRENT FILING DATE: 1999-06-04  
NUMBER OF SEQ ID NOS: 8252  
SEQ ID NO 5922  
LENGTH: 451  
TYPE: PR1  
ORGANISM: Acinetobacter baumannii  
US-09-328-352-5922

Query Match 35.2%; Score 43; DB 4; Length 451;  
Best Local Similarity 43.8%; Pred. No. 1e+02;  
Matches 7; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

QY 5 QHICALGLALALC 20  
Db 3 RIDCMGLTILGVGMILC 18

## RESULT 23

US-08-469-667-14  
Sequence 14 Application US/08469667  
Patent No. 5733748  
GENERAL INFORMATION:  
APPLICANT: Yu, Guo-Liang  
TITLE OF INVENTION: Colon Specific Genes and Proteins  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi,  
STREET: 6 Becker Farm Road  
CITY: Roseland  
STATE: NJ  
COUNTRY: USA  
ZIP: 07068-1739  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,667  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Ferraro, Gregory D.  
REGISTRATION NUMBER: 36,134  
REFERENCE/DOCKET NUMBER: 325800-435  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 81 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-469-667-14

Query Match 34.4%; Score 42; DB 1; Length 81;

Best Local Similarity 52.9%; Pred. No. 20;  
Matches 9; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 9 ALALGLALALCSQAA 25  
Db 5 ALCMGLVALLSSSSA 21

## RESULT 24

US-09-224-110-14  
Sequence 14 Application US/09224110  
Patent No. 6337195  
GENERAL INFORMATION:  
APPLICANT: Yu, Guo-Liang  
TITLE OF INVENTION: Colon Specific Genes and Proteins  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi,  
STREET: 6 Becker Farm Road  
CITY: Roseland  
STATE: NJ  
COUNTRY: USA  
ZIP: 07068-1739  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/224,110  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/469,667  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Ferraro, Gregory D.  
REGISTRATION NUMBER: 36,134  
REFERENCE/DOCKET NUMBER: 325800-435  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 81 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-224-110-14

Query Match 34.4%; Score 42; DB 4; Length 81;  
Best Local Similarity 52.9%; Pred. No. 20;  
Matches 9; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 9 ALALGLALALCSQAA 25  
Db 5 ALCMGLVALLSSSSA 21

## RESULT 25

PCT-US95-07289-14  
Sequence 14 Application PC/TUS9507289  
GENERAL INFORMATION:  
APPLICANT: Yu, Guo-Liang  
TITLE OF INVENTION: Colon Specific Genes and Proteins  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi,  
STREET: 6 Becker Farm Road

```

; CITY: Roseland
; STATE: NJ
; COUNTRY: USA
; ZIP: 07068-1739
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07289
; FILING DATE: 06-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-265
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 81 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US95-07289-14

Query Match          34.4%; Score 42; DB 5; Length 81;
Best Local Similarity 52.9%; Pred. No. 20;
Matches 9; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 9 AALALGLALALICSGCA 25
Db 5 ALCMLGLVLAALISSSA 21

RESULT 26
US-09-543-681A-7500
; Sequence 7500, Application US/09543681A
; Patent No. 6605709
; GENERAL INFORMATION:
; APPLICANT: GARY BRETON
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
; FILE REFERENCE: 2709.1002-001
; CURRENT APPLICATION NUMBER: US/09/543,681A
; CURRENT FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/128,706
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 8344
; SEQ ID NO 7500
; LENGTH: 89
; TYPE: PRT
; ORGANISM: Proteus mirabilis
; US-09-543-681A-7500

Query Match          34.4%; Score 42; DB 4; Length 89;
Best Local Similarity 37.5%; Pred. No. 22;
Matches 6; Conservative 6; Mismatches 4; Indels 0; Gaps 0;

QY 3 VSQHCALALGLALAA 18
Db 32 LPNIYCCALIGITIS 47

RESULT 27
US-09-198-452A-450
; Sequence 450, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
```

```

; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 450
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Chlamydia pneumoniae
; US-09-198-452A-450

Query Match          34.4%; Score 42; DB 4; Length 113;
Best Local Similarity 47.1%; Pred. No. 29;
Matches 8; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

QY 4 SQHCALALGLALALIC 20
Db 67 SQLRICALYIGLALIC 83

RESULT 28
US-09-252-991A-18046
; Sequence 18046, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 18046
; LENGTH: 266
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
; US-09-252-991A-18046

Query Match          34.4%; Score 42; DB 4; Length 266;
Best Local Similarity 69.2%; Pred. No. 78;
Matches 9; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 9 AALALGLALALICS 21
Db 14 AVSLALALALACS 26

RESULT 29
US-08-723-938-3
; Sequence 3, Application US/08723938
; Patent No. 576759
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Coleman, Roger
; TITLE OF INVENTION: TWO NOVEL HUMAN CATHESPIN PROTEINS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
```

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/723,938  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Billings, Lucy J  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0125 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-855-0555  
TELEFAX: 415-845-4166  
TELEX:  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 395 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
IMMEDIATE SOURCE:  
LIBRARY: LUNGN0T02  
CLONE: 312099  
US-08-723-938-3

Query Match 34.4%; Score 42; DB 1; Length 395;  
Best Local Similarity 38.1%; Pred. No. 1.2e+02;  
Matches 8; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

QY 5 QIHCAALLGLALICSGGA 25  
DB 259 QIHMERKVGPGJLTCAKGA 279

RESULT 30  
US-09-080-538-3  
Sequence 3, Application US/09080538  
Patent No. 5965129  
GENERAL INFORMATION:  
APPLICANT: Bandman, Olga  
APPLICANT: Coleman, Roger  
TITLE OF INVENTION: TWO NOVEL HUMAN CATHESPIN PROTEINS  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Drive  
CITY: Palo Alto  
STATE: CA  
COUNTRY: U.S.  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/080,538  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/723,938  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Billings, Lucy J  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0125 US  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-855-0555  
TELEFAX: 415-845-4166  
TELEX:  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 395 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
IMMEDIATE SOURCE:  
LIBRARY: LUNGN0T02  
CLONE: 312099  
US-09-080-538-3

Query Match 34.4%; Score 42; DB 2; Length 395;  
Best Local Similarity 38.1%; Pred. No. 1.2e+02;  
Matches 8; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

QY 5 QIHCAALLGLALICSGGA 25  
DB 259 QIHMERKVGPGJLTCAKGA 279

RESULT 31  
US-09-387-413-3  
Sequence 3, Application US/09387413  
Patent No. 6475485  
GENERAL INFORMATION:  
APPLICANT: Bandman, Olga  
APPLICANT: Coleman, Roger  
TITLE OF INVENTION: TWO NOVEL HUMAN CATHESPIN PROTEINS  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Drive  
CITY: Palo Alto  
STATE: CA  
COUNTRY: U.S.  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/387,413  
FILING DATE: 31-Aug-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/080,538  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Billings, Lucy J  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0125 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-855-0555  
TELEFAX: 415-845-4166  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 395 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
IMMEDIATE SOURCE:  
LIBRARY: LUNGN0T02  
CLONE: 312099  
SEQUENCE DESCRIPTION: SEQ ID NO: 3  
US-09-387-413-3

Query Match 34.4%; Score 42; DB 4; Length 395;  
Best Local Similarity 38.1%; Pred. No. 1.2e+02;  
Matches 8; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

QY 5 QIHCAALALGLALATCSGAA 25  
DB 259 QIHMERKVGPGTLTCAKGA 279

## RESULT 32

US-09-008-271A-4  
Sequence 4, Application US/09008271A  
Patent No. 6203979

## GENERAL INFORMATION:

APPLICANT: Bandman, Olga  
Hillman, Jennifer L.  
Yue, Henry  
Guegler, Karl J.  
Corley, Neil C.  
Tang, Tom Y.  
Shah, Purvi  
TITLE OF INVENTION: HUMAN PROTEASE MOLECULES  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Dr.  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/008,271A  
FILING DATE: 16-Jan-1998

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: <Unknown>  
FILING DATE: <Unknown>

## ATTORNEY/AGENT INFORMATION:

NAME: Mohan-Peterson, Sheela

REGISTRATION NUMBER: 41,201

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-855-0555

TELEFAX: 650-845-4166

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 420 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:  
LIBRARY: LUNGAST01

CLONE: 877617

SEQUENCE DESCRIPTION: SEQ ID NO: 4  
US-09-008-271A-4

Query Match 34.4%; Score 42; DB 3; Length 420;  
Best Local Similarity 38.1%; Pred. No. 1.3e+02;  
Matches 8; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

QY 5 QIHCAALALGLALATCSGAA 25

DB 259 QIHMERKVGPGTLTCAKGA 279

## RESULT 33

US-08-974-691-8  
Sequence 8, Application US/08974691  
Patent No. 6225103

## GENERAL INFORMATION:

APPLICANT: Keolech, Gerald

APPLICANT: Ian, Xinni

APPLICANT: Tang, Jordan

TITLE OF INVENTION: Cloning and Characterization of Napsin

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSER: Patrea L. Pabst

STREET: 2800 One Atlantic Center, 1201 W. Peachtree

STREET: St.

CITY: Atlanta

STATE: GA

COUNTRY: USA

ZIP: 30309-3450

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/974,691

FILING DATE: 20-NOV-1997

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/031,196

FILING DATE: 20-NOV-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/046,126

FILING DATE: 09-MAY-1997

ATTORNEY/AGENT INFORMATION:

NAME: Pabst, Patrea L.

REGISTRATION NUMBER: 31,284

REFERENCE/DOCKET NUMBER: OMF 166

TELECOMMUNICATION INFORMATION:

TELEPHONE: 404-873-8794

TELEFAX: 404-873-8795

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 420 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

US-08-974-691-8

Query Match 34.4%; Score 42; DB 3; Length 420;  
Best Local Similarity 38.1%; Pred. No. 1.3e+02;  
Matches 8; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

QY 5 QIHCAALALGLALATCSGAA 25  
DB 259 QIHMERKVGPGTLTCAKGA 279

## RESULT 34

US-09-705-448-1  
Sequence 1, Application US/09705448  
Patent No. 643690

## GENERAL INFORMATION:

APPLICANT: Xu, Hong

APPLICANT: Bruno, Sandra A.

APPLICANT: Eisenbosc, Laura A.

APPLICANT: Fogliano, Michael



```

; APPLICANT: Cohan, Victoria L.
; APPLICANT: Bandman, Olga
; TITLE OF INVENTION: HUMAN ASPARTIC PROTEASES
; FILE REFERENCE: PF-0458-1 CIP
; CURRENT APPLICATION NUMBER: US/09/705,448
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: 09/116,641
; PRIOR FILING DATE: 1998-07-16
; PRIOR APPLICATION NUMBER: 09/008,271
; PRIOR FILING DATE: 1998-01-16
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 420
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
; FEATURE:
; OTHER INFORMATION: 372637, LUNGNOT02
US-09-705-448-1

```

```

Query Match          34.4%; Score 42; DB 4; Length 420;
Best Local Similarity 38.1%; Pred. No. 1.3e+02;
Matches 8; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

```

```

QY      5 QHICALALIGLALALICSGAA 25
      |||::|||::|||::|||
Db      259 QHMERKVGPGTLAKGCA 279

```

```

RESULT 35
US-09-328-352-5543
; Sequence 5543, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE REFERENCE: GTC99-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; PRIOR FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 5543
; LENGTH: 428
; TYPE: PRT
; ORGANISM: Acinetobacter baumannii
US-09-328-352-5543

```

```

Query Match          34.4%; Score 42; DB 4; Length 428;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 7; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      6 IHICALALIGLALAI 19
      |||::|||::|||
Db      97 IHCLSMNIALAL 110

```

```

RESULT 36
US-09-489-039A-7902
; Sequence 7902, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 7902
; LENGTH: 478
; TYPE: PRT

```

```

; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-7902

```

```

Query Match          34.4%; Score 42; DB 4; Length 478;
Best Local Similarity 29.2%; Pred. No. 1.5e+02;
Matches 7; Conservative 10; Mismatches 7; Indels 0; Gaps 0;

```

```

QY      1 MRVQIHICALALIGLALALICSGAA 24
      |||::|||::|||::|||
Db      96 MRMTLLGLISTVGSANLVVAQGS 119

```

```

RESULT 37
US-09-162-021B-2
; Sequence 2, Application US/09162021B
; Patent No. 6337391
; GENERAL INFORMATION:
; APPLICANT: H. William Harris
; APPLICANT: Edward M. Brown
; APPLICANT: Steven C. Hebert
; TITLE OF INVENTION: Polycation-Sensing Receptor in Aquatic
; FILE REFERENCE: 2856.1001-007
; CURRENT APPLICATION NUMBER: US/09/162,021B
; PRIOR FILING DATE: 1998-09-28
; PRIOR APPLICATION NUMBER: PCT/US97/05031
; PRIOR FILING DATE: 1997-03-27
; PRIOR APPLICATION NUMBER: 08/622,738
; PRIOR FILING DATE: 1996-03-27
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 1027
; TYPE: PRT
; ORGANISM: Squalus acanthias
US-09-162-021B-2

```

```

Query Match          34.4%; Score 42; DB 4; Length 1027;
Best Local Similarity 46.7%; Pred. No. 3.6e+02;
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

```

```

QY      3 VSQIHICALALIGLAL 17
      |||::|||::|||
Db      1 MAQIHCOLLIFGFTL 15

```

```

RESULT 38
US-08-469-260A-520
; Sequence 520, Application US/08469260A
; Patent No. 6451578
; GENERAL INFORMATION:
; APPLICANT: JOHN N. SIMONS
; APPLICANT: TAMI J. PILOT-MATTIAS
; APPLICANT: GEORGE J. DAWSON
; APPLICANT: GEORGE G. SCHLAUDER
; APPLICANT: SURESH M. DESAI
; APPLICANT: THOMAS P. LEARY
; APPLICANT: ANTHONY SCOTT MUEBHOFF
; APPLICANT: JAMES C. ERKER
; APPLICANT: SHERI L. BOJUK
; TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
; TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 716
; CORRESPONDENCE ADDRESS:
; ADDRESSES: ABBOTT LABORATORIES D377/APed
; STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

```

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,260A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/424,550  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: FOREMSKI, PRISCILLA E.  
REGISTRATION NUMBER: 33,207  
REFERENCE/DOCKET NUMBER: 5527.PC.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 708-937-6365  
TELEFAX: 708-938-2623  
INFORMATION FOR SEQ ID NO: 520:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 147 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-469-260A-520

Query Match 33.6%; Score 41; DB 4; Length 147;  
Best Local Similarity 50.0%; Pred. No. 56;  
Matches 8; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 5 QIHCALALGLALATC 20  
DB 16 QIHSAPTVALGLCTC 31

RESULT 39  
US-08-488-446-520  
Sequence 520, Application US/08488446  
Patent No. 6558988  
GENERAL INFORMATION:  
APPLICANT: JOHN N. SIMONS  
APPLICANT: TAMU J. PILOT-MATIAS  
APPLICANT: GEORGE J. DAMSON  
APPLICANT: GEORGE G. SCHLAUDER  
APPLICANT: SURESH M. DESAI  
APPLICANT: THOMAS P. LEARY  
APPLICANT: ANTHONY SCOTT MUEHRHOF  
APPLICANT: JAMES C. ERKER  
APPLICANT: SHERI L. BUTIK  
APPLICANT: ISA K. MUSHAWAR  
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS  
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE  
NUMBER OF SEQUENCES: 716  
CORRESPONDENCE ADDRESS:  
ADDRESSER: ABBOTT LABORATORIES D377/AP6D  
STREET: 100 ABBOTT PARK ROAD  
CITY: ABBOTT PARK  
STATE: IL  
COUNTRY: USA  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,446  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/424,550  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: FOREMSKI, PRISCILLA E.

REGISTRATION NUMBER: 33,207  
REFERENCE/DOCKET NUMBER: 5527.PC.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 708-937-6365  
TELEFAX: 708-938-2623  
INFORMATION FOR SEQ ID NO: 520:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 147 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-488-446-520

Query Match 33.6%; Score 41; DB 4; Length 147;  
Best Local Similarity 50.0%; Pred. No. 56;  
Matches 8; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 5 QIHCALALGLALATC 20  
DB 16 QIHSAPTVALGLCTC 31

RESULT 40  
US-08-467-344A-520  
Sequence 520, Application US/08467344A  
Patent No. 6566568  
GENERAL INFORMATION:  
APPLICANT: JOHN N. SIMONS  
APPLICANT: TAMU J. PILOT-MATIAS  
APPLICANT: GEORGE J. DAMSON  
APPLICANT: GEORGE G. SCHLAUDER  
APPLICANT: SURESH M. DESAI  
APPLICANT: THOMAS P. LEARY  
APPLICANT: ANTHONY SCOTT MUEHRHOF  
APPLICANT: JAMES C. ERKER  
APPLICANT: SHERI L. BUTIK  
APPLICANT: ISA K. MUSHAWAR  
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS  
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE  
NUMBER OF SEQUENCES: 716  
CORRESPONDENCE ADDRESS:  
ADDRESSER: ABBOTT LABORATORIES D377/AP6D  
STREET: 100 ABBOTT PARK ROAD  
CITY: ABBOTT PARK  
STATE: IL  
COUNTRY: USA  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/467,344A  
FILING DATE: 07-Jun-1995  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/424,550  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: FOREMSKI, PRISCILLA E.  
REGISTRATION NUMBER: 33,207  
REFERENCE/DOCKET NUMBER: 5527.PC.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 708-937-6365  
TELEFAX: 708-938-2623  
INFORMATION FOR SEQ ID NO: 520:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 147 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 520:

Fri May 7 08:47:52 2004

us-09-727-739b-19.ral

Page 13

US-08-467-344A-520

Query Match 33.6%; Score 41; DB 4; Length 147;  
Best Local Similarity 50.0%; Pred. No. 56;  
Matches 8; Conservative 2; Mismatches 6; Indels 0; Gaps 0;  
Qy 5 QIHCAIALIGLALAIQ 20  
Db 16 QHSAPTIVAGLCIC 31

Search completed: May 6, 2004, 16:50:54  
Job time : 6.6867 secs

Fri May 7 08:47:52 2004

us-09-727-739b-19.rapb

Page 1

GenCore version 5.1.6  
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CM protein - protein search, using sw model

Run on: May 6, 2004, 16:47:47 ; Search time 14.8069 Seconds

(without alignments)  
466.645 Million cell updates/sec

Title: US-09-727-739B-19  
Perfect score: 122  
Sequence: 1 MRVSGIHCAALALGLALAIICSGGA 25

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1140673 seqs, 277566755 residues

Total number of hits satisfying chosen parameters: 1140673

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA.\*  
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2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep.\*  
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6: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep.\*  
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10: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/1/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/1/pubpaa/US09C\_NEW\_PUB.pep.\*  
13: /cgn2\_6/ptodata/1/pubpaa/US10\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep.\*  
17: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	122	100.0	25	12	US-09-727-739B-19
2	122	100.0	86	12	US-09-727-739B-17
3	122	100.0	111	12	US-09-727-739B-15
4	110	90.2	25	12	US-09-727-739B-13
5	110	90.2	87	12	US-09-727-739B-11
6	110	90.2	115	12	US-09-727-739B-9
7	74	60.7	114	12	US-09-727-739B-43
8	74	59.8	120	12	US-09-727-739B-38
9	64	52.5	88	12	US-09-727-739B-5
10	64	52.5	114	12	US-09-727-739B-3
11	64	49.2	114	12	US-09-727-739B-1
12	60	47.5	24	12	US-09-727-739B-7
13	58	47.5	115	12	US-09-727-739B-44
14	53	43.4	116	12	US-09-727-739B-45
15	52	42.6	434	12	US-10-170-385-273

16	52	42.6	434	14	US-10-205-194-47	Sequence 47, Appl
17	50	41.0	439	15	US-10-369-493-2489	Sequence 2489, Ap
18	50	41.0	1582	10	US-09-966-422B-11	Sequence 11, Appl
19	50	41.0	1582	14	US-10-262-272A-11	Sequence 11, Appl
20	48	39.3	120	9	US-09-796-692-2277	Sequence 2277, Ap
21	48	39.3	120	14	US-10-040-862-2277	Sequence 2277, Ap
22	48	39.3	120	15	US-10-057-475B-2277	Sequence 2277, Ap
23	48	39.3	120	15	US-10-154-884B-2277	Sequence 2277, Ap
24	48	39.3	152	9	US-09-796-692-2342	Sequence 2342, Ap
25	48	39.3	152	14	US-10-040-862-2342	Sequence 2342, Ap
26	48	39.3	152	15	US-10-057-475B-2342	Sequence 2342, Ap
27	48	39.3	152	15	US-10-154-884B-2342	Sequence 2342, Ap
28	48	39.3	433	10	US-09-935-642-9	Sequence 9, Appl
29	48	39.3	434	12	US-10-205-331-26	Sequence 26, Appl
30	48	39.3	434	12	US-10-170-385-257	Sequence 257, Appl
31	48	39.3	434	14	US-10-177-229-124	Sequence 124, Appl
32	48	39.3	434	14	US-10-354-358-16	Sequence 16, Appl
33	48	39.3	434	15	US-10-258-666-10	Sequence 10, Appl
34	48	39.3	1771	14	US-10-184-634-17	Sequence 17, Appl
35	48	39.3	1771	14	US-10-184-634-17	Sequence 17, Appl
36	47	38.5	70	12	US-10-424-599-15395	Sequence 15395,
37	47	38.5	210	15	US-10-289-762-641	Sequence 641, App
38	47	38.5	423	9	US-09-843-164-10	Sequence 10, Appl
39	47	38.5	423	10	US-10-394-962-10	Sequence 10, Appl
40	47	38.5	472	10	US-09-934-455-472	Sequence 472, App
41	47	38.5	475	10	US-09-934-455-112	Sequence 112, App
42	47	38.5	475	12	US-10-325-066A-224	Sequence 224, App
43	47	38.5	475	15	US-10-374-780A-2372	Sequence 2372, Ap
44	47	38.5	481	9	US-09-843-164-8	Sequence 8, Appl
45	47	38.5	481	15	US-10-394-962-8	Sequence 8, Appl

#### ALIGNMENTS

RESULT 1  
US-09-727-739B-19  
; Sequence 19, Application US/09727739B  
; Publication No. US20010025097A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheridan, Mark  
; APPLICANT: Kittleison, Jeffrey  
; TITLE OR INVENTION: Somatostatin and Methods  
; FILE REFERENCE: 255.00040101  
; CURRENT FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: US 60/168,934  
; PRIOR FILING DATE: 1999-12-03  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 19  
; LENGTH: 25  
; TYPE: PRT  
; ORGANISM: Oncorhynchus mykiss  
; US-09-727-739B-19

Query Match 100.0%; Score 122; DB 12;  
Best local similarity 100.0%; Pred. No. 2.4e-10;  
Matches 25; Conservative 0; Mismatches 0;  
Indels 0; Gaps 0;

Cy 1 MRVSGIHCAALALGLALAIICSGGA 25  
Db 1 MRVSGIHCAALALGLALAIICSGGA 25

RESULT 2  
US-09-727-739B-17  
; Sequence 17, Application US/09727739B  
; Publication No. US20010025097A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheridan, Mark  
; APPLICANT: Kittleison, Jeffrey

```
APPLICANT: Moore, Craig
TITLE OF INVENTION: Somatostatin and Methods
FILE REFERENCE: 255.00040101
CURRENT APPLICATION NUMBER: US/09/727,739B
CURRENT FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US 60/168,934
PRIOR FILING DATE: 1999-12-03
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PatentIn version 3.0
SEQ ID NO 17
LENGTH: 86
TYPE: PRT
ORGANISM: Oncorhynchus mykiss
US-09-727-739B-17
```

```
Query Match      100.0%; Score 122; DB 12; Length 86;
Best Local Similarity 100.0%; Pred. No. 8.7e-10;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 MRSQIHCAALALGLALAICSQGA 25
DB      1 MRSQIHCAALALGLALAICSQGA 25
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## RESULT 3

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US-09-727-739B-15
Sequence 15, Application US/09727739B
Publication No. US20010025097A1
GENERAL INFORMATION:
APPLICANT: Sheridan, Mark
APPLICANT: Kittelson, Jeffrey
APPLICANT: Moore, Craig
TITLE OF INVENTION: Somatostatin and Methods
FILE REFERENCE: 255.00040101
CURRENT APPLICATION NUMBER: US/09/727,739B
CURRENT FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US 60/168,934
PRIOR FILING DATE: 1999-12-03
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PatentIn version 3.0
SEQ ID NO 15
LENGTH: 111
TYPE: PRT
ORGANISM: Oncorhynchus mykiss
US-09-727-739B-15
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Query Match      100.0%; Score 122; DB 12; Length 111;
Best Local Similarity 100.0%; Pred. No. 1.1e-09;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      1 MRSQIHCAALALGLALAICSQGA 25
DB      1 MRSQIHCAALALGLALAICSQGA 25
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## RESULT 4

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US-09-727-739B-13
Sequence 13, Application US/09727739B
Publication No. US20010025097A1
GENERAL INFORMATION:
APPLICANT: Sheridan, Mark
APPLICANT: Kittelson, Jeffrey
APPLICANT: Moore, Craig
TITLE OF INVENTION: Somatostatin and Methods
FILE REFERENCE: 255.00040101
CURRENT APPLICATION NUMBER: US/09/727,739B
CURRENT FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US 60/168,934
PRIOR FILING DATE: 1999-12-03
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PatentIn version 3.0
SEQ ID NO 13
LENGTH: 25
```

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TYPE: PRT
ORGANISM: Oncorhynchus mykiss
US-09-727-739B-13
```

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Query Match      90.2%; Score 110; DB 12; Length 25;
Best Local Similarity 88.0%; Pred. No. 1.2e-08;
Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
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QY      1 MRSQIHCAALALGLALAICSQGA 25
DB      1 MKVCRIHCAALALGLALAICSQGA 25
```

## RESULT 5

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US-09-727-739B-11
Sequence 11, Application US/09727739B
Publication No. US20010025097A1
GENERAL INFORMATION:
APPLICANT: Sheridan, Mark
APPLICANT: Kittelson, Jeffrey
APPLICANT: Moore, Craig
TITLE OF INVENTION: Somatostatin and Methods
FILE REFERENCE: 255.00040101
CURRENT APPLICATION NUMBER: US/09/727,739B
CURRENT FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US 60/168,934
PRIOR FILING DATE: 1999-12-03
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PatentIn version 3.0
SEQ ID NO 11
LENGTH: 87
TYPE: PRT
ORGANISM: Oncorhynchus mykiss
US-09-727-739B-11
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Query Match      90.2%; Score 110; DB 12; Length 87;
Best Local Similarity 88.0%; Pred. No. 4.3e-08;
Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1 MRSQIHCAALALGLALAICSQGA 25
DB      1 MKVCRIHCAALALGLALAICSQGA 25
```

## RESULT 6

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US-09-727-739B-9
Sequence 9, Application US/09727739B
Publication No. US20010025097A1
GENERAL INFORMATION:
APPLICANT: Sheridan, Mark
APPLICANT: Kittelson, Jeffrey
APPLICANT: Moore, Craig
TITLE OF INVENTION: Somatostatin and Methods
FILE REFERENCE: 255.00040101
CURRENT APPLICATION NUMBER: US/09/727,739B
CURRENT FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US 60/168,934
PRIOR FILING DATE: 1999-12-03
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PatentIn version 3.0
SEQ ID NO 9
LENGTH: 115
TYPE: PRT
ORGANISM: Oncorhynchus mykiss
US-09-727-739B-9
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Query Match      90.2%; Score 110; DB 12; Length 115;
Best Local Similarity 88.0%; Pred. No. 5.8e-08;
Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1 MRSQIHCAALALGLALAICSQGA 25
DB      1 MKVCRIHCAALALGLALAICSQGA 25
```

```
RESULT 7
US-09-727-739B-43
; Sequence 43, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittleison, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 43
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Carassius auratus
US-09-727-739B-43

Query Match      60.7%; Score 74; DB 12; Length 114;
Best Local Similarity 64.0%; Pred. No. 0.0067;
Matches 16; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

QY      1 MRVSQHICALALIGLALICSGGA 25
      1 MSTRVQCALALISLALAVCSVSA 25
      ::::::::::::::|::|

Db

RESULT 8
US-09-727-739B-38
; Sequence 38, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittleison, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 120
; TYPE: PRT
; ORGANISM: Carassius auratus
US-09-727-739B-38

Query Match      59.8%; Score 73; DB 12; Length 120;
Best Local Similarity 54.2%; Pred. No. 0.0098;
Matches 13; Conservative 6; Mismatches 5; Indels 0; Gaps 0;

QY      1 MRVSQHICALALIGLALICSGGA 24
      1 MRICEHHCYALHGLSLVLCGRCA 24
      ::::::::::::::|::|

Db

RESULT 9
US-09-727-739B-5
; Sequence 5, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittleison, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
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; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 88
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-5

Query Match      52.5%; Score 64; DB 12; Length 88;
Best Local Similarity 60.0%; Pred. No. 0.13;
Matches 15; Conservative 3; Mismatches 7; Indels 0; Gaps 0;

QY      1 MRVSQHICALALIGLALICSGGA 25
      1 MSTRVQCALALISLALAVCSVSA 25
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Db

RESULT 10
US-09-727-739B-3
; Sequence 3, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittleison, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Oncorhynchus mykiss
US-09-727-739B-3

Query Match      52.5%; Score 64; DB 12; Length 114;
Best Local Similarity 60.0%; Pred. No. 0.17;
Matches 15; Conservative 3; Mismatches 7; Indels 0; Gaps 0;

QY      1 MRVSQHICALALIGLALICSGGA 25
      1 MSTRVQCALALISLALAVCSVSA 25
      ::::::::::::::|::|

Db

RESULT 11
US-09-727-739B-41
; Sequence 41, Application US/09727739B
; Publication No. US20010025097A1
; GENERAL INFORMATION:
; APPLICANT: Sheridan, Mark
; APPLICANT: Kittleison, Jeffrey
; APPLICANT: Moore, Craig
; TITLE OF INVENTION: Somatostatin and Methods
; FILE REFERENCE: 255.00040101
; CURRENT APPLICATION NUMBER: US/09/727,739B
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/168,934
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 41
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Ictalurus punctatus
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US-09-727-739B-41

Query Match 52.5%; Score 64; DB 12; Length 114;  
 Best Local Similarity 52.0%; Pred. No. 0.17;  
 Matches 13; Conservative 5; Mismatches 7; Indels 0; Gaps 0;

QY 1 MRVSQIHCAALALGLALAIACSGAA 25  
 DB 1 MPSTRIOCALALALVALSVCSVSGA 25

RESULT 12

US-09-727-739B-7  
 ; Sequence 7, Application US/09727739B  
 ; Publication No. US20010025097A1  
 ; GENERAL INFORMATION:

APPLICANT: Sheridan, Mark  
 APPLICANT: Kittleon, Jeffrey  
 APPLICANT: Moore, Craig  
 TITLE OF INVENTION: Somatostatin and Methods  
 FILE REFERENCE: 255.00040101  
 CURRENT APPLICATION NUMBER: US/09/727,739B  
 CURRENT FILING DATE: 2000-12-01  
 PRIOR APPLICATION NUMBER: US 60/168,934  
 PRIOR FILING DATE: 1999-12-03  
 NUMBER OF SEQ ID NOS: 52  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 7  
 LENGTH: 24  
 TYPE: PRT  
 ORGANISM: Oncorhynchus mykiss  
 US-09-727-739B-7

Query Match 49.2%; Score 60; DB 12; Length 24;  
 Best Local Similarity 58.3%; Pred. No. 0.13;  
 Matches 14; Conservative 3; Mismatches 7; Indels 0; Gaps 0;

QY 1 MRVSQIHCAALALGLALAIACSGA 24  
 DB 1 MSTRVQCALALALSLALAISSVSA 24

RESULT 13

US-09-727-739B-44  
 ; Sequence 44, Application US/09727739B  
 ; Publication No. US20010025097A1  
 ; GENERAL INFORMATION:

APPLICANT: Sheridan, Mark  
 APPLICANT: Kittleon, Jeffrey  
 APPLICANT: Moore, Craig  
 TITLE OF INVENTION: Somatostatin and Methods  
 FILE REFERENCE: 255.00040101  
 CURRENT APPLICATION NUMBER: US/09/727,739B  
 CURRENT FILING DATE: 2000-12-01  
 PRIOR APPLICATION NUMBER: US 60/168,934  
 PRIOR FILING DATE: 1999-12-03  
 NUMBER OF SEQ ID NOS: 52  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 44  
 LENGTH: 115  
 TYPE: PRT  
 ORGANISM: Rana ridibunda  
 US-09-727-739B-44

Query Match 47.5%; Score 58; DB 12; Length 115;  
 Best Local Similarity 56.0%; Pred. No. 1.2;  
 Matches 14; Conservative 3; Mismatches 8; Indels 0; Gaps 0;

QY 1 MRVSQIHCAALALGLALAIACSGAA 25  
 DB 1 MOSCRVQCALTTLTSLALAISSIAA 25

RESULT 14

US-09-727-739B-45  
 ; Sequence 45, Application US/09727739B  
 ; Publication No. US20010025097A1  
 ; GENERAL INFORMATION:

APPLICANT: Sheridan, Mark  
 APPLICANT: Kittleon, Jeffrey  
 APPLICANT: Moore, Craig  
 TITLE OF INVENTION: Somatostatin and Methods  
 FILE REFERENCE: 255.00040101  
 CURRENT APPLICATION NUMBER: US/09/727,739B  
 CURRENT FILING DATE: 2000-12-01  
 PRIOR APPLICATION NUMBER: US 60/168,934  
 PRIOR FILING DATE: 1999-12-03  
 NUMBER OF SEQ ID NOS: 52  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 45  
 LENGTH: 116  
 TYPE: PRT  
 ORGANISM: Gallus gallus  
 US-09-727-739B-45

Query Match 43.4%; Score 53; DB 12; Length 116;  
 Best Local Similarity 52.4%; Pred. No. 6.2;  
 Matches 11; Conservative 5; Mismatches 5; Indels 0; Gaps 0;

QY 5 QIHCAALALGLALAIACSGAA 25  
 DB 5 RUCQCALALSLALAVGTVSAA 25

RESULT 15

US-10-170-385-273  
 ; Sequence 273, Application US/10170385  
 ; Publication No. US20030203372A1  
 ; GENERAL INFORMATION:

APPLICANT: Ward, Neil Raymond  
 APPLICANT: Mundy, Christopher Robert  
 APPLICANT: Kan, On  
 APPLICANT: Harris, Robert Alan  
 APPLICANT: White, Jonathan  
 APPLICANT: Binley, Katie Mary  
 APPLICANT: Rayner, William Nigel  
 APPLICANT: Naylor, Stuart  
 APPLICANT: Kingsman, Susan Mary  
 APPLICANT: Krige, David  
 TITLE OF INVENTION: ANALYSIS METHOD  
 FILE REFERENCE: 532682000100  
 CURRENT APPLICATION NUMBER: US/10/170,385  
 CURRENT FILING DATE: 2002-06-12  
 PRIOR APPLICATION NUMBER: PCT/GB02/01662  
 PRIOR FILING DATE: 2002-04-08  
 PRIOR APPLICATION NUMBER: PCT/GB01/05458  
 PRIOR FILING DATE: 2001-12-10  
 NUMBER OF SEQ ID NOS: 549  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 273  
 LENGTH: 434  
 TYPE: PRT  
 ORGANISM: Homo Sapiens  
 US-10-170-385-273

Query Match 42.6%; Score 52; DB 12; Length 434;  
 Best Local Similarity 58.8%; Pred. No. 34;  
 Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 9 ALALGLALAIACSGAA 25  
 DB 108 ANAILGVSLAVCKAGAA 124

RESULT 16  
 US-10-205-194-47

```
; Sequence 47, Application US/10205194
; Publication No. US20030134301A1
; GENERAL INFORMATION:
; APPLICANT: Warner-Lambert Company
; APPLICANT: Lee, Kevin
; APPLICANT: Dixon, Alister
; APPLICANT: Brooksbank, Robert
; APPLICANT: Pimock, Robert
; TITLE OF INVENTION: Identification and Use of Molecules Implicated in Pain
; FILE REFERENCE: WL-A-018201
; CURRENT APPLICATION NUMBER: US/10/205,194
; CURRENT FILING DATE: 5200-07-24
; PRIOR APPLICATION NUMBER: GB 0118354.0
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 177
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 434
; TYPE: PRT
; ORGANISM: Rattus norvegicus
; FEATURE:
; OTHER INFORMATION: Neuron-specific enolase
US-10-205-194-47
```

```
Query Match 42.6%; Score 52; DB 14; Length 434;
Best Local Similarity 58.8%; Pred. No. 34;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 9 AALIGLALALGALGAA 25
DB 108 AVALIGVSLAVCKAGAA 124
```

```
RESULT 17
US-10-369-493-2489
; Sequence 2489, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xiandeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 2489
; LENGTH: 439
; TYPE: PRT
; ORGANISM: Schizosaccharomyces pombe
US-10-369-493-2489
```

```
Query Match 41.0%; Score 50; DB 15; Length 439;
Best Local Similarity 58.8%; Pred. No. 66;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 9 AALIGLALALGALGAA 25
DB 108 AVALIGVSLAVCKAGAA 124
```

```
RESULT 18
US-09-966-422B-11
; Sequence 11, Application US/09966422B
; Publication No. US20030044892A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPBWMY6, EXPRESSED HID
```

```
; TITLE OF INVENTION: SMALL INTESTINE
; FILE REFERENCE: D0040NP/3053-41190S3
; CURRENT APPLICATION NUMBER: US/09/966,422B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/235,602
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/306,604
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/315,412
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 1582
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-09-966-422B-11
```

```
Query Match 41.0%; Score 50; DB 10; Length 1582;
Best Local Similarity 50.0%; Pred. No. 2,5e+02;
Matches 9; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 3 VSQIHCALALGALALIC 20
DB 910 VSTIGCAISIVCLALSYC 927
```

```
RESULT 19
US-10-262-272A-11
; Sequence 11, Application US/10262272A
; Publication No. US20030170671A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPBWMY6
; FILE REFERENCE: D0044 CIP
; CURRENT APPLICATION NUMBER: US/10/262,272A
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: U.S. 09/966,422
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 1582
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-10-262-272A-11
```

```
Query Match 41.0%; Score 50; DB 14; Length 1582;
Best Local Similarity 50.0%; Pred. No. 2,5e+02;
Matches 9; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 3 VSQIHCALALGALALIC 20
DB 910 VSTIGCAISIVCLALSYC 927
```

```
RESULT 20
US-09-796-692-2277
; Sequence 2277, Application US/09796692
; Publication No. US20020198362A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Mannion, Jane A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAP
; FILE REFERENCE: 2077.001200
; CURRENT APPLICATION NUMBER: US/09/796,692
; CURRENT FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 60/190,479
; PRIOR FILING DATE: 2000-03-17
```



PRIOR APPLICATION NUMBER: 60/200,545  
PRIOR FILING DATE: 2000-04-27  
PRIOR APPLICATION NUMBER: 60/200,303  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: 60/200,779  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: 60/200,999  
PRIOR FILING DATE: 2000-05-01  
PRIOR APPLICATION NUMBER: 60/202,084  
PRIOR FILING DATE: 2000-05-04  
PRIOR APPLICATION NUMBER: 60/206,201  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: 60/218,950  
PRIOR FILING DATE: 2000-07-14  
PRIOR APPLICATION NUMBER: 60/222,903  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: 60/223,416  
PRIOR FILING DATE: 2000-08-04  
PRIOR APPLICATION NUMBER: 60/223,378  
PRIOR FILING DATE: 2000-08-07  
NUMBER OF SEQ ID NOS: 9597  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 2277  
LENGTH: 120  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: variant  
LOCATION: (1)...(120)  
OTHER INFORMATION: Xaa = Any amino acid  
US-09-796-692-2277

Query Match 39.3%; Score 48; DB 9; Length 120;  
Best Local Similarity 56.2%; Pred. No. 33;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 9 AALIGLALATCSQGA 24  
DB 65 ANAIGVSLAVCKAGA 80

RESULT 21  
US-10-040-862-2277  
Sequence 2277, Application US/10040862  
Publication No. US20030078396A1  
GENERAL INFORMATION:  
APPLICANT: Gaiger, Alexander  
APPLICANT: Algate, Paul A.  
APPLICANT: Mannion, Jane  
APPLICANT: Retter, Marc  
APPLICANT: Corixa Corporation  
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
FILE REFERENCE: 014058-013520US  
CURRENT APPLICATION NUMBER: US/10/040,862  
PRIOR APPLICATION NUMBER: US 60/186,126  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: US 60/190,479  
PRIOR FILING DATE: 2000-03-17  
PRIOR APPLICATION NUMBER: US 60/200,545  
PRIOR FILING DATE: 2000-04-27  
PRIOR APPLICATION NUMBER: US 60/200,303  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,779  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,999  
PRIOR FILING DATE: 2000-05-01  
PRIOR APPLICATION NUMBER: US 60/202,084  
PRIOR FILING DATE: 2000-05-04  
PRIOR APPLICATION NUMBER: US 60/206,201  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: US 60/218,950

PRIOR FILING DATE: 2000-07-14  
PRIOR APPLICATION NUMBER: US 60/222,903  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: US 60/223,416  
PRIOR FILING DATE: 2000-08-04  
PRIOR APPLICATION NUMBER: US 60/223,378  
PRIOR FILING DATE: 2000-08-07  
PRIOR APPLICATION NUMBER: US 09/796,692  
PRIOR FILING DATE: 2001-03-01  
NUMBER OF SEQ ID NOS: 10467  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 2277  
LENGTH: 120  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: variant  
LOCATION: (1)...(120)  
OTHER INFORMATION: Xaa = Any amino acid  
US-10-040-862-2277

Query Match 39.3%; Score 48; DB 14; Length 120;  
Best Local Similarity 56.2%; Pred. No. 33;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 9 AALIGLALATCSQGA 24  
DB 65 ANAIGVSLAVCKAGA 80

RESULT 22  
US-10-057-475B-2277  
Sequence 2277, Application US/10057475B  
Publication No. US2004002068A1  
GENERAL INFORMATION:  
APPLICANT: Gaiger, Alexander  
APPLICANT: Algate, Paul A.  
APPLICANT: Mannion, Jane  
APPLICANT: Clapper, Jonathan David  
APPLICANT: Wang, Aljun  
APPLICANT: Ordenez, Nadia  
APPLICANT: Carter, Lauren  
APPLICANT: McNeill, Patricia Dianne  
APPLICANT: Corixa Corporation  
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy  
FILE REFERENCE: 014058-014402US  
CURRENT APPLICATION NUMBER: US/10/057,475B  
PRIOR APPLICATION NUMBER: US 2002-01-22  
PRIOR FILING DATE: 2000-03-01  
PRIOR APPLICATION NUMBER: US 60/186,126  
PRIOR FILING DATE: 2000-03-17  
PRIOR APPLICATION NUMBER: US 60/190,479  
PRIOR FILING DATE: 2000-03-17  
PRIOR APPLICATION NUMBER: US 60/200,545  
PRIOR FILING DATE: 2000-04-27  
PRIOR APPLICATION NUMBER: US 60/200,303  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,779  
PRIOR FILING DATE: 2000-04-28  
PRIOR APPLICATION NUMBER: US 60/200,999  
PRIOR FILING DATE: 2000-05-01  
PRIOR APPLICATION NUMBER: US 60/202,084  
PRIOR FILING DATE: 2000-05-04  
PRIOR APPLICATION NUMBER: US 60/206,201  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: US 60/218,950  
PRIOR FILING DATE: 2000-07-14  
PRIOR APPLICATION NUMBER: US 60/222,903  
PRIOR FILING DATE: 2000-08-03  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 10979  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 2277

QY           9 A L A I G L A I C S Q G A 24  
             | : | : | : | : |  
Dib         65 A N A I L G V S L A V C K A G A 80

APPLICANT: Galger, Alexander  
APPLICANT: Algate, Paul A.  
APPLICANT: Mannion, Jane  
APPLICANT: Retter, Marc  
APPLICANT: Corixa Corporation  
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy of Hematological Malignancies  
FILE REFERENCE: 014058-013520US

```
/ CURRENT APPLICATION NUMBER: US/10/040,862
/ CURRENT FILING DATE: 2001-11-06
/ PRIOR APPLICATION NUMBER: US 60/186,126
/ PRIOR FILING DATE: 2000-03-01
/ PRIOR APPLICATION NUMBER: US 60/190,479
/ PRIOR FILING DATE: 2000-03-17
/ PRIOR APPLICATION NUMBER: US 60/200,545
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: US 60/200,303
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,779
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,999
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: US 60/202,084
/ PRIOR FILING DATE: 2000-05-04
/ PRIOR APPLICATION NUMBER: US 60/206,201
/ PRIOR FILING DATE: 2000-05-22
/ PRIOR APPLICATION NUMBER: US 60/218,950
/ PRIOR FILING DATE: 2000-07-14
/ PRIOR APPLICATION NUMBER: US 60/222,903
/ PRIOR FILING DATE: 2000-08-03
/ PRIOR APPLICATION NUMBER: US 60/223,416
/ PRIOR FILING DATE: 2000-08-04
/ PRIOR APPLICATION NUMBER: US 60/223,378
/ PRIOR FILING DATE: 2000-08-07
/ PRIOR APPLICATION NUMBER: US 09/796,692
/ PRIOR FILING DATE: 2001-03-01
/ NUMBER OF SEQ ID NOS: 10467
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 2342
/ LENGTH: 162
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: variant
/ LOCATION: (1)...(162)
/ OTHER INFORMATION: Xaa = Any amino acid
US-10-040-862-2342
```

```
Query Match 39.3%; Score 48; DB 14; Length 162;
Best Local Similarity 56.2%; Pred. No. 45;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 9 ALALGLALALICSGA 24
Db 109 ANAILGVSLAVCKAG 124
```

```
RESULT 26
US-10-057-475B-2342
/ Sequence 2342, Application US/10057475B
/ Publication No. US20040002068A1
/ GENERAL INFORMATION:
/ APPLICANT: Gaiger, Alexander
/ APPLICANT: Mannion, Dane
/ APPLICANT: Clapper, Jonathan David
/ APPLICANT: Wang, Aljun
/ APPLICANT: Ordenez, Nadia
/ APPLICANT: Carter, Lauren
/ APPLICANT: McNeill, Patricia Diane
/ APPLICANT: Corixa Corporation
/ TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
/ FILE REFERENCE: 014058-014402US
/ CURRENT APPLICATION NUMBER: US/10/057,475B
/ CURRENT FILING DATE: 2002-01-22
/ PRIOR APPLICATION NUMBER: US 60/186,126
/ PRIOR FILING DATE: 2000-03-01
/ PRIOR APPLICATION NUMBER: US 60/190,479
/ PRIOR FILING DATE: 2000-03-17
/ PRIOR APPLICATION NUMBER: US 60/200,545
```

```
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: US 60/200,303
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,779
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,999
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: US 60/202,084
/ PRIOR FILING DATE: 2000-05-04
/ PRIOR APPLICATION NUMBER: US 60/206,201
/ PRIOR FILING DATE: 2000-05-22
/ PRIOR APPLICATION NUMBER: US 60/218,950
/ PRIOR FILING DATE: 2000-07-14
/ PRIOR APPLICATION NUMBER: US 60/222,903
/ PRIOR FILING DATE: 2000-08-03
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 10979
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 2342
/ LENGTH: 162
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: variant
/ LOCATION: (1)...(162)
/ OTHER INFORMATION: Xaa = Any amino acid
US-10-057-475B-2342
```

```
Query Match 39.3%; Score 48; DB 15; Length 162;
Best Local Similarity 56.2%; Pred. No. 45;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 9 ALALGLALALICSGA 24
Db 109 ANAILGVSLAVCKAG 124
```

```
RESULT 27
US-10-154-884B-2342
/ Sequence 2342, Application US/10154884B
/ Publication No. US20040005561A1
/ GENERAL INFORMATION:
/ APPLICANT: Gaiger, Alexander
/ APPLICANT: Mannion, Dane
/ APPLICANT: Retter, Marc W.
/ APPLICANT: Corixa Corporation
/ TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
/ FILE REFERENCE: 014058-013521US
/ CURRENT APPLICATION NUMBER: US/10/154,884B
/ CURRENT FILING DATE: 2002-05-23
/ PRIOR APPLICATION NUMBER: US 60/186,126
/ PRIOR FILING DATE: 2000-03-01
/ PRIOR APPLICATION NUMBER: US 60/190,479
/ PRIOR FILING DATE: 2000-03-17
/ PRIOR APPLICATION NUMBER: US 60/200,545
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: US 60/200,303
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,779
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: US 60/200,999
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: US 60/202,084
/ PRIOR FILING DATE: 2000-05-04
/ PRIOR APPLICATION NUMBER: US 60/206,201
/ PRIOR FILING DATE: 2000-05-22
/ PRIOR APPLICATION NUMBER: US 60/218,950
/ PRIOR FILING DATE: 2000-07-14
/ PRIOR APPLICATION NUMBER: US 60/222,903
/ PRIOR FILING DATE: 2000-08-03
/ Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
NUMBER OF SEQ ID NOS: 11290
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2342
LENGTH: 162
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: variant
LOCATION: (1)...(162)
OTHER INFORMATION: Xaa = Any amino acid
US-10-154-884B-2342
```

```
Query Match          39.3%; Score 48; DB 15; Length 162;
Best Local Similarity 56.2%; Pred. No. 45;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 9 ALALGLALAIQSOGA 24
DB 109 ANAILGVSLAVCKAGA 124
```

```
RESULT 28
US-09-935-642-9
Sequence 9, Application US/09935642
Publication No. US20030044795A1
GENERAL INFORMATION:
APPLICANT: BYRGAUSEN, Inger
APPLICANT: LARSEN, Peter
APPLICANT: STEPHEN, John
TITLE OF INVENTION: Biochemical Markers for the Human
FILE REFERENCE: 8969-014
CURRENT APPLICATION NUMBER: US/09/935,642
CURRENT FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: PCT/GB97/02394
PRIOR FILING DATE: 1997-09-05
PRIOR APPLICATION NUMBER: PCT/GB97/07132.8
PRIOR FILING DATE: 1997-04-08
PRIOR APPLICATION NUMBER: PCT/GB9618600.2
PRIOR FILING DATE: 1996-09-06
NUMBER OF SEQ ID NOS: 16
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 433
TYPE: PRT
ORGANISM: Homo sapiens
US-09-935-642-9
```

```
Query Match          39.3%; Score 48; DB 10; Length 433;
Best Local Similarity 56.2%; Pred. No. 1.2e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 9 ALALGLALAIQSOGA 24
DB 107 ANAILGVSLAVCKAGA 122
```

```
RESULT 29
US-10-205-331-26
Sequence 26, Application US/10205331
Publication No. US20040058326A1
GENERAL INFORMATION:
APPLICANT: Warner-Lambert Company
APPLICANT: Lee, Kevin
APPLICANT: Dixon, Alistair
APPLICANT: Brocksbank, Robert
APPLICANT: Plimock, Robert
TITLE OF INVENTION: Identification and Use of Molecules Implicated in Pain
FILE REFERENCE: WL-A-018-99
CURRENT APPLICATION NUMBER: US/10/205,331
CURRENT FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: GB 0118354.0
PRIOR FILING DATE: 2001-07-27
```

```
NUMBER OF SEQ ID NOS: 117
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 434
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Alpha-enolase
US-10-205-331-26
```

```
Query Match          39.3%; Score 48; DB 12; Length 434;
Best Local Similarity 56.2%; Pred. No. 1.2e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 9 ALALGLALAIQSOGA 24
DB 108 ANAILGVSLAVCKAGA 123
```

```
RESULT 30
US-10-170-385-257
Sequence 257, Application US/10170385
Publication No. US20030203372A1
GENERAL INFORMATION:
APPLICANT: Ward, Neil Raymond
APPLICANT: Mundy, Christopher Robert
APPLICANT: Kan, On
APPLICANT: Harris, Robert Alan
APPLICANT: White, Jonathan
APPLICANT: Binley, Katie Mary
APPLICANT: Rayner, William Nigel
APPLICANT: Naylor, Stuart
APPLICANT: Kingsman, Susan Mary
APPLICANT: Krige, David
TITLE OF INVENTION: ANALYSIS METHOD
FILE REFERENCE: 532682000100
CURRENT APPLICATION NUMBER: US/10/170,385
CURRENT FILING DATE: 2002-06-12
PRIOR APPLICATION NUMBER: PCT/GB02/01662
PRIOR FILING DATE: 2002-04-08
PRIOR APPLICATION NUMBER: PCT/GB01/05458
PRIOR FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 549
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 257
LENGTH: 434
TYPE: PRT
ORGANISM: Homo Sapiens
US-10-170-385-257
```

```
Query Match          39.3%; Score 48; DB 12; Length 434;
Best Local Similarity 56.2%; Pred. No. 1.2e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 9 ALALGLALAIQSOGA 24
DB 108 ANAILGVSLAVCKAGA 123
```

```
RESULT 31
US-10-177-293-124
Sequence 124, Application US/10177293
Publication No. US20030124128A1
GENERAL INFORMATION:
APPLICANT: Lillie, James
APPLICANT: Glatt, Karen
APPLICANT: Zhao, Xumei
APPLICANT: Gannavarpu, Manjula
APPLICANT: Kamatkar, Shubhang
APPLICANT: Mertens, Maureen
APPLICANT: Myer, Vic
APPLICANT: Wang, Youzhen
APPLICANT: Xu, Yongyao
```

```
APPLICANT: Hoersch, Sebastian
APPLICANT: Monahan, John
APPLICANT: Meyers, Rachel E.
APPLICANT: Baet Jr., Robert C.
APPLICANT: Hortobagyl, Gabriel N.
APPLICANT: Pustcal, LaJos
APPLICANT: Mexic, Funda
APPLICANT: Sahin, Ayesgul
APPLICANT: Mills, Gordon B.
TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: PREVENTION, AND THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-038
CURRENT APPLICATION NUMBER: US/10/177,293
PRIOR FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US 60/299,887
PRIOR FILING DATE: 2001-06-21
PRIOR APPLICATION NUMBER: US 60/301,572
PRIOR FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: US 60/306,501
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: US 60/325,002
PRIOR FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: US 60/362,585
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: US 60/xxx,xxx
PRIOR FILING DATE: 2002-05-14
NUMBER OF SEQ ID NOS: 506
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 124
LENGTH: 434
TYPE: PRT
ORGANISM: Homo sapiens
US-10-177-293-124
```

```
Query Match          39.3%; Score 48; DB 14; Length 434;
Best Local Similarity 56.2%; Pred. No. 1.2e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 9 AALALGALALGSGGA 24
DB 108 ANAILGVSLAVCKAGA 123
```

```
RESULT 32
US-10-354-358-16
Sequence 16, Application US/10154358
Publication No. US20030157082A1
GENERAL INFORMATION:
APPLICANT: Millennium Pharmaceuticals, Inc
APPLICANT: Hunter, John Joseph
APPLICANT: Macbeth, Kyle J.
APPLICANT: Tsai, Fong-Ying
APPLICANT: Lesoon, Andrea
APPLICANT: Lightcap, Eric S.
APPLICANT: Williamson, Mark
APPLICANT: Rudolph-Owen, Laura A.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING
TITLE OF INVENTION: CANCER USING 140, 1470, 1686, 2089, 2427, 3702, 5891, 6428,
TITLE OF INVENTION: 7181, 7660, 25641, 69583, 49863, 8897, 1682, 17667, 9235,
TITLE OF INVENTION: 3703, 14171, 10359, 1660, 1450, 18894, 2088, 32427, 2160,
TITLE OF INVENTION: 9252, 9389, 1647, 85269, 10297, 1584, 9525, 14124, 4469,
TITLE OF INVENTION: 8990, 2100, 9288, 64698, 10460, 20893, 33230, 1586, 9943,
TITLE OF INVENTION: 16334, 68862, 9011, 14031, 6178, 21225, 1420, 32236, 2099,
TITLE OF INVENTION: 2150, 26583, 2784, 8941, 9811, 27444, 50566 OR 66428 MOLECULES
FILE REFERENCE: MP102-020P/RNOMNIN
CURRENT APPLICATION NUMBER: US/10/354,358
PRIOR FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: US 60/353,600
PRIOR FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: US 60/364,517
PRIOR FILING DATE: 2002-03-15
PRIOR APPLICATION NUMBER: US 60/371,075
PRIOR FILING DATE: 2002-04-09
```

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PRIOR APPLICATION NUMBER: US 60/371,507
PRIOR FILING DATE: 2002-04-10
PRIOR APPLICATION NUMBER: US 60/372,984
PRIOR FILING DATE: 2002-04-16
PRIOR APPLICATION NUMBER: US 60/374,194
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US 60/382,995
PRIOR FILING DATE: 2002-05-24
PRIOR APPLICATION NUMBER: US 60/385,023
PRIOR FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: US 60/388,853
PRIOR FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: US 60/389,395
PRIOR FILING DATE: 2002-06-17
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 122
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 16
LENGTH: 434
TYPE: PRT
ORGANISM: Homo sapiens
US-10-354-358-16
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```
Query Match          39.3%; Score 48; DB 14; Length 434;
Best Local Similarity 56.2%; Pred. No. 1.2e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
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```
QY 9 AALALGALALGSGGA 24
DB 108 ANAILGVSLAVCKAGA 123
```

```
RESULT 33
US-10-258-666-10
Sequence 10, Application US/10258666
Publication No. US20040005578A1
GENERAL INFORMATION:
APPLICANT: Yamada, Yoji
APPLICANT: Sekine, Susumu
APPLICANT: Kikuchi, Yasuhiro
APPLICANT: Sakurada, Kazuhiro
APPLICANT: Kyowa Hako Kogyo Co., Ltd.
TITLE OF INVENTION: Myocardial Cell Proliferation-Associated Genes
FILE REFERENCE: 082382-000000US
CURRENT APPLICATION NUMBER: US/10/258,666
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: JP 2000-126741
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: WO PCT/JP01/03700
PRIOR FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 434
TYPE: PRT
ORGANISM: Rattus norvegicus
FEATURE:
OTHER INFORMATION: RHDH-099, non-neuronal enolase
US-10-258-666-10
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Query Match          39.3%; Score 48; DB 15; Length 434;
Best Local Similarity 56.2%; Pred. No. 1.2e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
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```
QY 9 AALALGALALGSGGA 24
DB 108 ANAILGVSLAVCKAGA 123
```

```
RESULT 34
US-10-184-644-17
Sequence 17, Application US/10184644
Publication No. US20030044930A1
```

```
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Guiney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430R1C227
CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 17
LENGTH: 1771
TYPE: DNA
ORGANISM: Homo Sapien
US-10-184-644-17

Query Match
Best Local Similarity 39.3%; Score 48; DB 14; Length 1771;
Best Local Similarity 55.6%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 8 CACATGATATTCATGAA 25
DB 1452 CACATGATATTCATGAA 1469

RESULT 35
US-10-184-634-17
Sequence 17, Application US/10184634
Publication No. US20030068684A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Guiney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430R1C217
CURRENT APPLICATION NUMBER: US/10/184,634
CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 17
LENGTH: 1771
TYPE: DNA
ORGANISM: Homo Sapien
US-10-184-634-17

Query Match
Best Local Similarity 39.3%; Score 48; DB 14; Length 1771;
Best Local Similarity 55.6%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 8 CACATGATATTCATGAA 25
DB 1452 CACATGATATTCATGAA 1469

RESULT 36
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```
US-10-424-599-155395
Sequence 155395, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovacic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21 (53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 155395
LENGTH: 70
TYPE: PRN
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_111342C.1.pep
US-10-424-599-155395

Query Match
Best Local Similarity 38.5%; Score 47; DB 12; Length 70;
Best Local Similarity 40.9%; Pred. No. 26;
Matches 9; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

QY 4 SQHCAALLGLALATCSGAA 25
DB 20 AHVFCSSALIGDTRVCSGSS 41

RESULT 37
US-10-289-762-641
Sequence 641, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 641
LENGTH: 210
TYPE: PRN
ORGANISM: Chlamydia pneumoniae
US-10-289-762-641

Query Match
Best Local Similarity 38.5%; Score 47; DB 15; Length 210;
Best Local Similarity 45.0%; Pred. No. 81;
Matches 9; Conservative 5; Mismatches 6; Indels 0; Gaps 0;

QY 5 QHCHALLGLALATCSGAA 24
DB 48 EIASAAILGLIVAFCAASAA 67

RESULT 38
US-09-843-164-10
Sequence 10, Application US/09843164
Patent No. US20020061556A1
GENERAL INFORMATION:
APPLICANT: Walke, D. Wade
APPLICANT: Wang, Xiaoming
APPLICANT: Scoville, John
TITLE OF INVENTION: No. US20020061556A1 Human Membrane Proteins and Polynucleotide
FILE REFERENCE: 07705.0014-00000
CURRENT APPLICATION NUMBER: US/09/843,164
CURRENT FILING DATE: 2001-04-27
Prior Application Number: US 60/199,950
Prior Filing Date: 2000-04-27
```

us-09-727-739b-19.rapb

Page 12

Query Match	38.5%;	Score 47;	DB 9;	Length 423;
Best Local Similarity	45.0%;	Pred. No. 1.7e+02;		
Matches 9;	Conservative 5;	Mismatches 6;	Indels 0;	Gaps 0;

RESULT 39  
US-10-394-962-10  
; Sequence 10, Application US/10394962  
; Publication No. US20030219868A1  
Status: IN PROGRESS

Query Match	38.5%	Score 47	DB 15	Length 423
Best Local	Similarity 45.0%	Pred: No. 1.7e+02		
Matches 9	Conservative 5	Mismatches 6	Indels 0	Gaps 0

RESULT 40  
US-09-934-455-472  
; Sequence 472, Application US/09934455  
; Publication No. US20030121070A1  
; Patent: 6,640,472

1 APPLICANT: Creelman, Robert  
 2 APPLICANT: Dubell, Arnold  
 3 APPLICANT: Heard, Jacqueline  
 4 APPLICANT: Jiang, Cai-Zhong  
 5 APPLICANT: Keddie, James  
 6 APPLICANT: Pilgrim, Marsha  
 7 APPLICANT: Ratcliffe, Oliver  
 8 APPLICANT: Reuber, Lynne  
 9 APPLICANT: Riechmann, Jose Luis  
 10 APPLICANT: Yu, Guo-Liang  
 11 APPLICANT: Pineda, Omaira  
 12 TITLE OF INVENTION: Genes for Modifying Plant Traits IV  
 13 FILE REFERENCE: MBI-0025  
 14 CURRENT APPLICATION NUMBER: US/09/934,455  
 15 CURRENT FILING DATE: 2001-08-22  
 16 PRIOR APPLICATION NUMBER: 60/227349  
 17 PRIOR FILING DATE: 2000-08-22  
 18 PRIOR APPLICATION NUMBER: MBI-0022  
 19 PRIOR FILING DATE: 2001-11-16

Query Match	38.5%	Score 47;	DB 10;	Length 472;
Best Local Similarity	40.9%	Pred. No. 1.9e+02;		
Matches	9;	Conservative	7;	Mismatches 6; Indels 0; Gaps 0

Search completed: May 6, 2004, 17:05:57  
Job time : 15.8069 secs